Student Success Stories

Mathematics and Computer Science

CLARK UNIVERSITY

CHALLENGE CONVENTION. CHANGE OUR WORLD.

With a patent in the offing, Clark University math/computer science student is set to join Amazon

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Clark University alum
Elena Zhizhimontova

April 2014

Clark math and computer science students shine at national, regional competitions; move on to internships and jobs

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Google amazon wayfair

Carnegie Mellon University Microsoft Berkeley UNIVERSITY OF CALIFORNIA



Clark contest participants at the Consortium for Computing Sciences in Colleges (CCSC) —Northeastern Region Conference

July 2014

Computer science students programmed for success



WOOCONNECT

CLARK UNIVERSITY 1887

Abhijit Singh '16, Cyrus Fenderson '16, Hoang Nguyen '16, Joshua Cogswell '16, Ronak Shah '18

– (Sponsor: Professor John Magee)

Abstract

We present our experience participating in WooConnect, a student startup from Clark University. WooConnect is a web and smartphone application that helps students at college and university campuses connect with their local community and find the best events happening around them. Both the web and mobile applications focus on developing an easy, interactive and intuitive user experience to provide users that include college administrators and college students with the best possible experience and valuable content. For college administrators the platform provides real time analytics to understand their student behaviors and also provide them with a better communicating tool. These project bridges concepts learned in our computer sciences courses and our entrepreneurial spirit together.

Agile Development

Next Iteration

Fig 1: Agile Software Development

Project Description

WooConnect is a smartphone and web application that integrates and connects college and university campuses with their students, and their local community, to discover the best events and promotions happening around them. We aim to do this by providing students with a convenient and engaging mobile application to explore what is happening on and off campus, offering colleges access to real-time analytics, and giving businesses consistent access to a captured college market to increase their revenue.

Value Proposition

Students

-Intuitive application to find what interests you

-Explore new and exciting things around your campus and city

-Unifying tool for all your college social needs

College Administrators

-Built-in analytics to understand your student needs and campus trends

-Effectively communicate and promote your events

-Seamless integration into your current event management system

-Ready to go in minutes

Business:

-Easy and effective marketing

-Connects directly to your customers

-Exclusive access to the college market

-Understand outreach of your promotions using our analytics

EXPERIENCE · EXPLORE · DISCOVER

Fig 2: Our website, woo-connect.com

Fig 3: Screenshots of our User Interface

Technology

The core of our website is built using HTML, CSS and we have also used JavaScript for animations on the website. PHP is primarily used as our server side scripting language and our databases are written in MySQL. We are also currently developing an iOS application in Objective-C.

Fig 4: Programming languages used

Conclusion

The project is ongoing and our main goals are finishing the administrator portal, implementing and integrating analytics in the web application as well as the mobile application for iOS. Another major learning component will be the user interface design principles as seen in today's highly competitive mobile application market. We hope that we will be able to implement some of the ideas that are used in today's most successful apps.

Source Fig1:http://www.prolinxservices.com/agile.aspx

Source Fig3:http://www.todobravo.net/img/products/html-css-js-php-mysql.png

WooConnect is a student startup from Clark University. WooConnect is a web and smartphone application that helps students at college and university campuses connect with their local community and find the best events happening around them.

Clark University computer science students make their debut at the annual Association for Computing Machinery International Collegiate Programming Contest (ICPC) & New England Undergraduate Computing Symposium. Many MathCS students pursue summer internships and research opportunities including the following programs:

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facebook FedEx Corporation

Quantum Networks

July 2015

Computer science grads land jobs at Facebook, Amazon and more

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Holding an Amazon Echo device, Jake Kramer speaks to computer science students at Clark University while visiting professor Kenneth Basye watches from the audience.

June 2016

Clark's computer science teams make top 5 in regional programming contest

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Professor John Magee stands with students participating in the regional programming contest for the Consortium for Computing Sciences in Colleges Northeast (CCSCNE).

July 2016

‘Grammar’ lessons: Faculty-student team decoding language of the genome

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Navid Al Hossain works with Jacqueline Dresch, assistant professor of mathematics.

November 2016

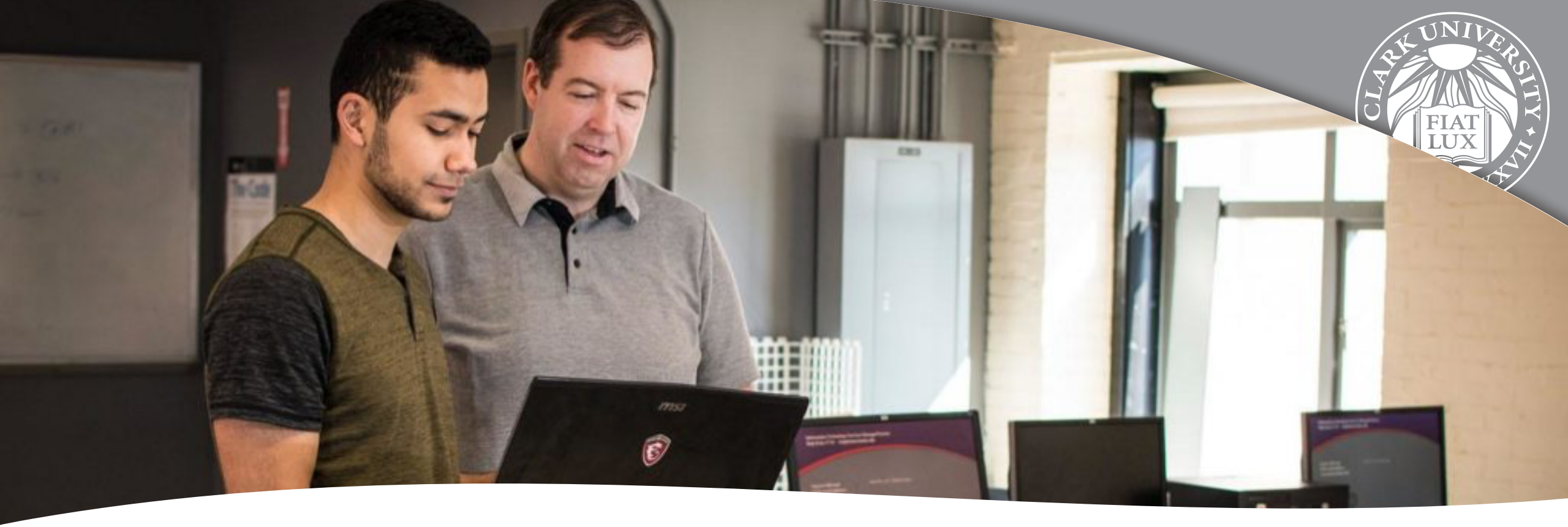


Brendan Burgess, recipient of the Phi Beta Kappa Sophomore Research Prize.

Brendan Burgess blends the science of politics and computers

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December 2016



Clark professor, students find the humanity in computer research

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March 2017

Pictured above: John Magee meets with LEEP Fellow Rafael Zuniga.



Job with Amazon beckons Christian Rentsman

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May 2018

Computer science, mathematics students well-positioned for hi-tech futures

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May 2018





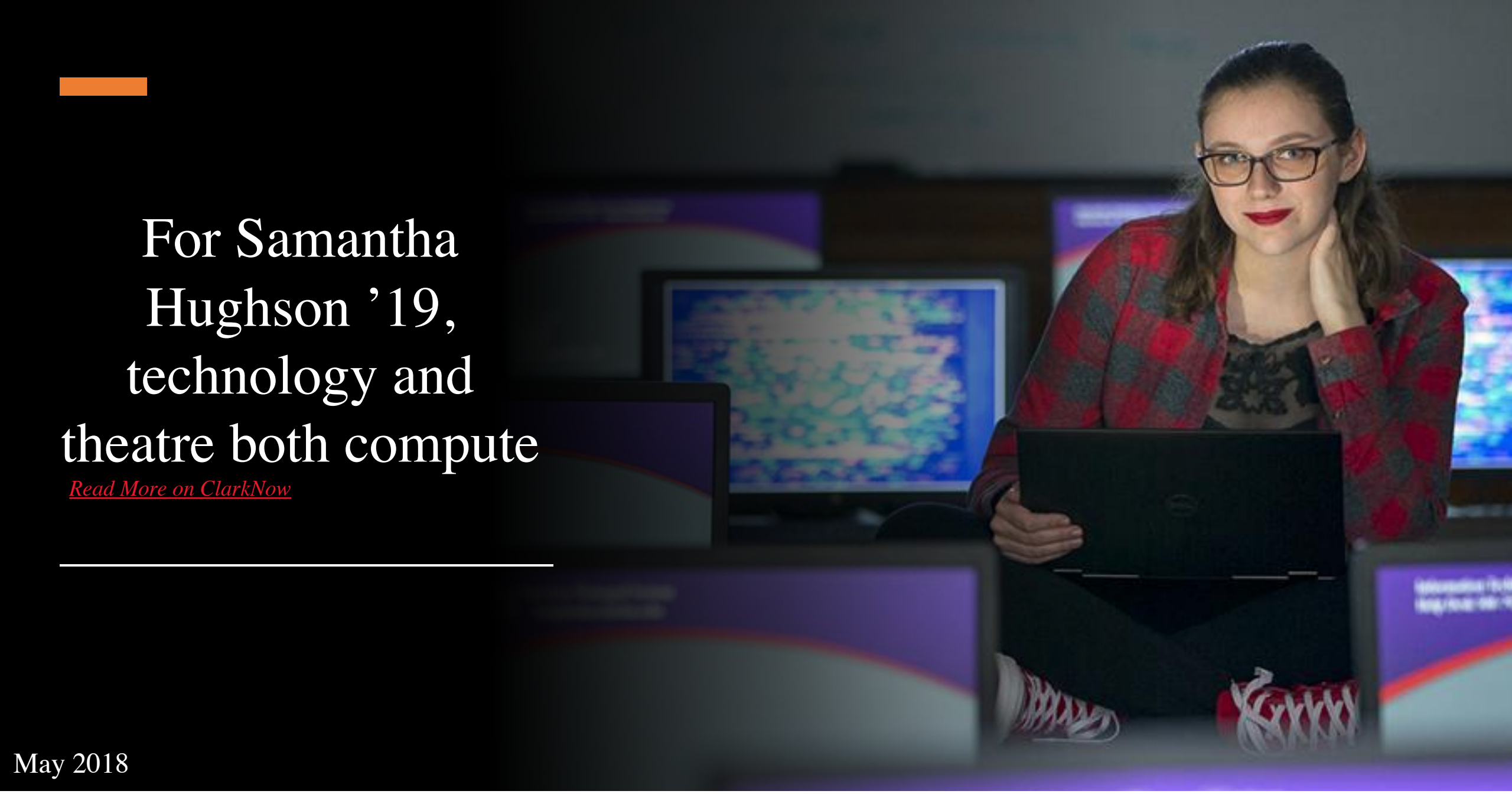







For Samantha Hughson ’19, technology and theatre both compute

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May 2018



Stronger Together app powers Clark students to MIT hackathon fame

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September 2018



Clark honors outstanding faculty with annual awards

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October 2018

Alumnus' career takes flight at NASA

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June 2017

Students win top prizes at Wellesley hackathon

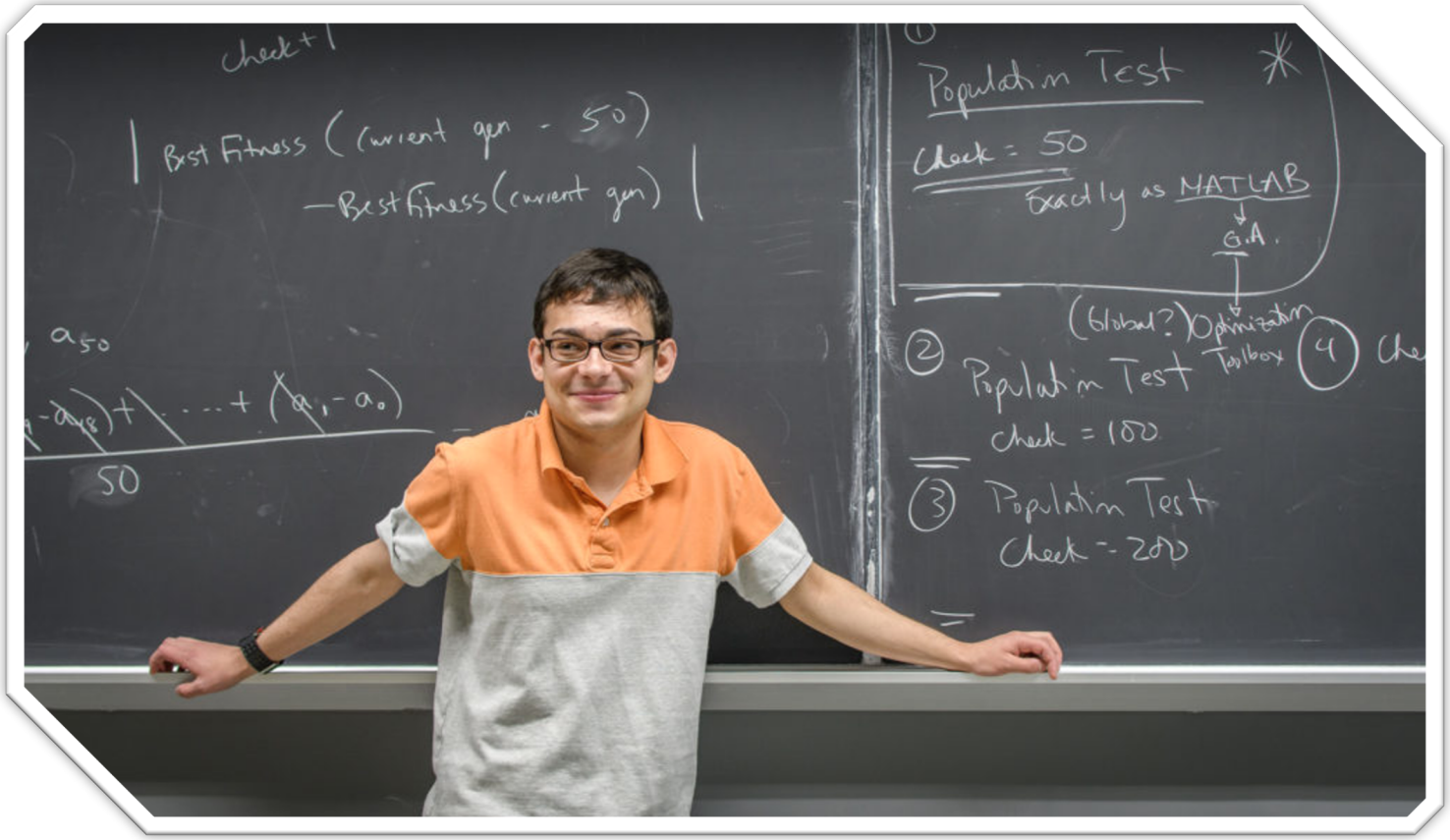
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November 2018



Alumnus plots a future by the numbers

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November 2018



Bernie Tuson hopes to master the art of computer science

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November 2018



Whether dancing or coding, student makes his move

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November 2018

‘ClarkCONNECTion’ leads to students’ NetApp internships

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clark connect

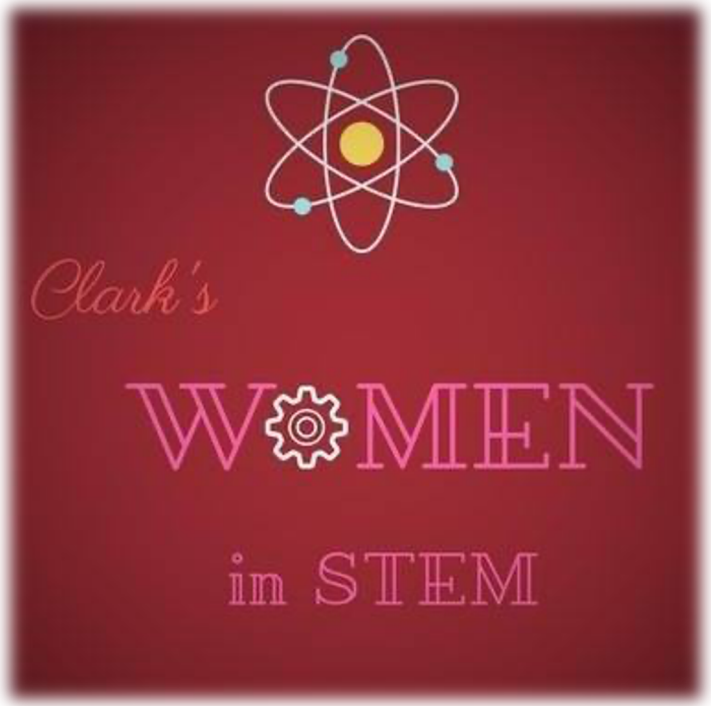


November 2018

Clark's Women in STEM: 'We have to make some noise'

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February 2019

Amazon awaits: Luke Branam-Wenger turns an internship into a job

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January 2019

Siblings' company offers undervalued workers valuable opportunities

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March 2019

Tiffany Kayo's Clark education propels her to success across the world

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Morgan Stanley

March 2019



Alexander Rakovshik receives prestigious theatrical lighting design award

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May 2019

98 percent of Clark's Class of 2018 achieving post-graduation goals

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April 2019



Clark University student competes in Microsoft Imagine Cup

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June 2019

Clark graduates launch careers in Massachusetts – the country's No. 1 job market

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June 2019

Geva and Benjamin Segal: Entrepreneurial Brothers Compete in Microsoft's ImagineCup

Read More on Adobe Spark



June 2019

Archit Goyal helps craft software to combat Ebola outbreaks

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September 2019


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Student Success Stories

Mathematics and Computer Science

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