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EDUCATION

College Park, MD **University of Maryland-College Park** **August 2016 – May 2018** *(pending)*
- Bachelor in Science; Major: Computer Engineering, Minor: International Engineering

Largo, MD **Prince George's Community College** **August 2014 – May 2016**

- Associate Degree; Focus: Computer Science; Cumulative GPA: 3.9
- Dean's List, Honors Program Certification, Phi Theta Kappa Distinction
- Coursework: UNIX/Linux Operating System; Databases; Algorithms; Programming Languages; Computer Architecture; Server-Side Web Development; Advanced Oracle and PL/SQL; Calculus III; Diff. Equations

EMPLOYMENT

Software Engineer, Intern **Concur Technologies** **June 2016 – August 2016**
API Gateway Configurator

- Developed an automated, self-service application using JavaScript ES6 and NodeJS that receives a JSON blob from a client, translates the JSON a blob to dynamically generate configuration files, and pushes configurations files as an object to a S3 bucket, maintained through an NGINX pull and reload mechanism.
- Increased correctness of updating configuration files by 210% and decreased latency by 88%.
- Other tools involved include: AWS S3 SDK, Git, AJAX, VMware, Docker, Lua, MyGet, and Bunyan.

Director of Coding Services **Prince George's Community College** **August 2014 – May 2016**

- Re-scaled MyPGCC Portal database, which provides online resources for students and administration, from MySQL to MongoDB using Python and maintained server-side scripts using JavaScript and NodeJS.
- Oversaw implementations and initiatives of computer science within STEM departments such as STEM Week and the STEM Ambassador Program.
- Tutored CS students weekly in Java, Python, and JavaScript and hosted mock-interview workshops.

Junior Web Developer **Caribbean Returning Nationals Fdn.** **August 2015 – April 2016**

- Designed and built main CRNF website using WordPress, PHP, JavaScript, HTML, and CSS.
- Developed themes in PHP and plugins using WordPress Plugin Boilerplate and Facebook OpenGraph.
- Wrote weekly administrative reports on code validity to ensure compliance with company policies.

Java Developer (Freelancer) **Upwork** **June 2015 - March 2016**

- Built a minimum viable product, prototype, and website of Pulse, an application that serves as the center of social media engagement on campus using: Enterprise Java Beans, Servlets, JSP, JSF, JavaScript, JQuery, ReactJS, Oracle, Spring Boot, HTML5, and CSS3.
- Implemented an 'OO design' intrusion detection system through SQL query generation and data modeling
- Used Firebug for application webpage troubleshooting and Eclipse debugger for the bug fixes.

TECHNICAL EXPERIENCE

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- **MyReads** (2016): Web platform that creates a virtual bookshelf based on the user's age range and mood. JavaScript, Meteor, ReactJS, HTML5, CSS3, Firebase, jQuery, RESTful API
 - **QUIKEATS** (2016): Mobile application for iOS9 that facilitates cheaper meal pre-orders for young adults. React Native, Swift, Objective-C, Balsamiq.
 - **Litter Busters** (2015 - Present): An interactive game that targets the lack of environmental health progression in West Africa. Java, HTML5, CSS3, JavaScript, jQuery, Google Maps API.

AWARDS AND HONORS

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- **National Runner-up, Maryland/Delaware Affiliate Winner, NCWIT Aspirations in Computing Award (2016)**: Nationally recognizes young women who are active and interested in computing and technology.
 - **AddThis Winner, DCHacks (2015)**: Best integration of AddThis platform within Clean Afrik project.
 - **Congressional Certificate of Excellence, White House App Challenge (2014)**: Awarded by Congresswoman Donna Edwards to high-achieving students who developed apps for global change.

Languages and Technologies

C; C++; CSS; Django; ExpressJS; Firebase; HTML; Java; JavaScript; jQuery; NodeJS; Objective-C; PHP; Python; ReactJS; React Native; Swift; SQL; Agile development; AJAX; Apache Subversion; Atom; MongoDB; Oracle; RESTful Web Services; XCode