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**FAVOUR NERRISE**  
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## EDUCATION

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<b>College Park, MD</b>	<b>University of Maryland</b>	<b>August 2016 – May 2018</b> <i>(pending)</i>
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- Bachelors of Science in Computer Science (Honors)

Coursework: UNIX/Linux Operating System; Databases; Algorithms; Programming Languages; Computer Architecture; Server-Side Web Development; Advanced Oracle and PL/SQL; Calculus III; Diff. Equations

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<b>Largo, MD</b>	<b>Prince George's Community College</b>	<b>August 2014 – May 2016</b>
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- Associate Degree of Arts with Focus in Computer Science, Cumulative GPA: 3.9
  - Dean's List, Honors Program Certification, Phi Theta Kappa Distinction

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## EMPLOYMENT

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<b>Software Engineer, Intern</b>	<b>Concur Technologies</b>	<b>June 2016 – August 2016</b>
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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 98%.
- Other tools involved include: AWS S3 SDK, Git, AJAX, VMware, Docker, Lua, MyGet, and Bunyan.

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<b>Director of Coding Services</b>	<b>Prince George's Community College</b>	<b>August 2014 – May 2016</b>
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- 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.

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<b>Junior Web Developer</b>	<b>Caribbean Returning Nationals Fdn.</b>	<b>August 2015 – April 2016</b>
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- 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.

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<b>Java Developer (Freelancer)</b>	<b>Upwork</b>	<b>December 2015 - January 2016</b>
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- 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, Oracle, HTML, and CSS.
- 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.

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## TECHNICAL EXPERIENCE

- **MyReads** (2016): Web platform that creates a virtual bookshelf based on the user's age range and mood. JavaScript, Django, HTML5, CSS3, PostgreSQL, jQuery, AJAX, NGINX
- **QUIKEATS** (2016): Mobile application for iOS9 that facilitates cheaper meal pre-orders for young adults. 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, Google Maps API.

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## AWARDS AND HONORS

- **National Runner-up and 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.

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## LANGUAGES AND TECHNOLOGIES

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