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- Logical problem solver who excels at analytical thinking processes to tackle complex projects
 - Has a passion for web and software development and applies a solid work ethic to contribute to goals
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EDUCATION

B.S., Major: Computer Science, University of Maryland, College Park, MD

Expected May 2019

- **Quality Enhancement Systems and Teams (QUEST) Honors Program Fellow**, Engage in multidisciplinary teamwork, quality management, process improvement, and system design projects. Design, develop, and deploy web apps for the QUEST community as a Lead Web Developer for the QUESTDev software development team. Studied in Japan to learn quality and logistics practices from Japanese companies like Toyota and Panasonic.
- **Business Analytics Minor**, Apply statistical and quantitative techniques for data driven decision making
- **Dean's List Academic Honors** GPA: 3.43/4.00

EXPERIENCE

Web Developer Intern, HireKeep, Washington, D.C.

May 2017 – August 2017

- Designed and implemented aspects of the the HireKeep Web Platform using Angular, Node.js, HTML, and CSS
- Incorporated UI/UX design principles to improve user retention and provide consistent branding across platforms
- Initiated the team's use of git branching workflows to manage the development of new features

Student Software Engineer, University of Maryland, College Park, MD

March 2016 – January 2017

- Created and maintained Java-based web applications for use by faculty and students
- Deployed automated functional tests using Selenium and JUnit to thoroughly test web applications
- Converted paper forms to digital forms using REST APIs to streamline IT processes
- Followed the scrum framework for agile software development process to organize tasks

Coursework

- CMSC420: Data Structures (Fall 2017)
- CMSC451: Design and Analysis of Computer Algorithms (Fall 2017)
- CMSC330: Organization of Programming Languages (Spring 2017)
- CMSC351: Algorithms (Spring 2017)

Personal Projects

- Coded a web app to graph interesting patterns from raw UMPD arrest data using user queries (goo.gl/C7LVwZ)
- Designed a website for Aunt's business from scratch using HTML, CS, JS, and JQuery (lifepresents.com)
- Created a personal website for a friend using HTML, CS, JS, and JQuery (timspurfan.github.io)

Programming Languages: Node.js, Angular, Java, Python, C, Ruby, HTML/CSS, SASS, JQuery, SQL, OCaml, Prolog

Character Traits: Dependable, Resourceful, Attentive to Detail, Organized, Cooperative, Patient

LEADERSHIP ACTIVITIES & INTERESTS

Lead Web Developer, Terp Thon Dance Marathon, University of Maryland, College Park, MD

March 2017 – Present

- Work with the Executive Board and head a team of 5 developers to design and maintain the Terp Thon website

Logistics Organizer, Bitcamp Hackathon, University of Maryland, College Park, MD

August 2016 – Present

- Facilitate the minor admittance process and produce internal and external schedules for the Bitcamp Hackathon

Vice-President, Rubik's Cube Club, University of Maryland, College Park, MD

August 2015 – Present

- Lead a team of 4 organizers to stage 300-competitor Rubik's Cube Competitions; Staff US Nationals annually
- Solve the Cube as fast as possible; teach beginners how to solve the Cube; participate in and staff competitions
- 1st Place Rubik's Cube Winner, placed in 44 WCA Events, including 6 First Places, World Cube Association

Board Member, Cubes 4 Kids

November 2016 – Present

- Coordinate outreach and growth efforts for charity that teaches kids in hospitals how to solve the Rubik's Cube

Scholarship: UMD President's Scholarship

Honors: Accomplished Member of College Park Scholars; National AP Scholar; AP Scholar with Distinction