

- Logical problem solver who excels at analytical thinking processes to tackle complex projects
- Poised to apply strong academic background and solid work ethic to contribute to goals
- Has a passion for working with computers and is majoring in Computer Science

## EDUCATION

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

Expected May 2019

- **QUEST Honors Program**, Engaged in multidisciplinary teamwork, quality management, process improvement, and system design
- **Business Analytics Minor**, Learned 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

**Cashier / Dining Services Employee, University of Maryland, College Park, MD**

August 2015 – March 2016

- Greeted guests with a smile; accept payments and make change correctly
- Helped maintain cleanliness; ensure that cooler and refrigerator are well stocked

### Coursework

- Data Structures (Fall 2017)
- Design and Analysis of Computer Algorithms (Fall 2017)
- Organization of Programming Languages (Spring 2017)
- Algorithms (Spring 2017)

### Personal Projects

- Coded a web app to graph interesting patterns from raw UMPD arrest data using user queries ([goo.gl/C7LVwZ](http://goo.gl/C7LVwZ))
- Designed a website for Aunt's business from scratch using HTML, CS, JS, and JQuery ([lifepresents.com](http://lifepresents.com))
- Created a personal website for a friend ([timspurfan.github.io](http://timspurfan.github.io))
- Developed a calendar/event reservation web app using Node.js for use by the QUEST community (in progress)

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

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

## LEADERSHIP ACTIVITIES & INTERESTS

**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

- Organize 5 major competitions, with up to 300 competitors each, and staff US Nationals annually
- Solve the Cube as fast as possible; teach beginners how to solve the Cube; participate in and staff competitions

**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