Nicholas Smart

EDUCATION

University of Michigan —Ann Arbor, Michigan
Bachelor of Science in Computer Science Engineering   Expected April 2019
Minor in Business – Stephen M. Ross School of Business   Cumulative GPA: 3.64
Coursework: Algorithms and Data Structures, Web Systems, Introduction to Computer Organization, Mathematics of Finance, Statistics and Data Analysis, Linear Spaces and Matrix Theory, Positively Leading People and Organizations

WORK EXPERIENCE

Intuit, *Software Engineer Intern* —San Diego, California   June 2017 – August 2017
- Created interactive cross-platform dynamic web page components using React framework
- Wrote unit and functional tests to test front end software component functionality
- Developed iOS mobile application features using Apple's Swift programming language

Cubic Transportation Systems, *Software Engineering Intern* —San Diego, California   May 2016 – August 2016
- Improved outdated software to accommodate state-of-the-art public transit ticket vending machines
- Developed a Graphical User Interface to support touch-screen for innovative vending machines
- Wrote software to thoroughly test serial port communication on a new printed circuit board

Virtual Repetitions LLC, *Operations and Development Intern* —Ann Arbor, Michigan   January 2016 – May 2016
- Utilized advanced software to track actor movements from a high definition video recording and created a digital skeleton representation of the actor throughout the scene
- Was one of the first employees for this promising start up company

PROJECTS

Intuit, *Feedback Widget* – San Diego, California   June 2017 – August 2017
- Built a web app feature with React that allows users to leave feedback on their experiences
- Utilized public API's to integrate feedback data with Google Sheets and company Slack channels
- Wrote thorough unit and functional tests to meet code coverage and happy path testing standards

University of Michigan, *Path Finding* – Ann Arbor, Michigan   September 2016
- Implemented Depth First Search and Breadth First Search path finding algorithms using stack and queue data structures to navigate a three-dimensional map provided from input files

Personal, *Website Development* – San Diego, California   May 2016 - Present
- Developed a personal website to act as an online personal portfolio and to gain a better understanding of web development
- www.nicholaspsmart.com

CAMPUS INVOLVEMENT

MHacks, *Hacker*   September 2017
- Future participant in MHacks X at the University of Michigan

Michigan FinTech, *Webmaster*   September 2017 - Present
- Joined as one of the first members to aid in recruiting students, educating members on financial technology, promoting career development, and encouraging innovation
- Future website manager for the organization

Lambda Chi Alpha, *Executive Board Member and Brotherhood Mentorship Coordinator*   December 2016 - Present
- Contributed to executive meetings and handled internal chapter affairs to promote engagement from brothers

International Programs in Engineering Study Abroad, *University of Manchester*   January 2017 – June 2017
- Spent the spring semester abroad in Manchester, England

AWARDS AND SKILLS

University of Michigan Honors and Deans List   Spring 2016, Fall 2016
Programming Languages: C++, Java, JavaScript, React, Python, HTML5, CSS3, MATLAB
Spoken Languages: Proficient in Spanish