Nicholas Smart

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Education

University of Michigan   Ann Arbor, MI
Bachelor of Science in Computer Science Engineering   *April 2019*
Minor in Business – Stephen M. Ross School of Business
GPA: 3.64/4.00
Coursework: Algorithms and Data Structures, Web Databases and Information Systems, Intro to Computer Organization, Mathematics of Finance, Statistics and Data Analysis, Linear Spaces and Matrix Theory

Experience

Intuit   San Diego, CA
Software Engineer Intern   *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   San Diego, CA
Software Engineering Intern   *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- Improved outdated software to accommodate state-of-the-art public transit ticket vending machines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   Ann Arbor, MI
Operations and Development Intern   *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, Inc.   San Diego, CA
Feedback Widget   *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   Ann Arbor, MI
Path Finding   *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   San Diego, CA
Website Development   *May 2016-present*
- Developed a personal website to act as an online personal portfolio and to gain a better understanding of web development

Additional

- Spent the Winter 2017 Semester abroad in Manchester, England
- Member of Michigan Hackers community
- Proficient in Spanish and sarcasm