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EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY   *August 2015 – May 2020*
GPA 3.7, Major GPA: 4.0, Dean's List (all semesters)
BS Software Engineering: Honors Program
Objective: Seeking a position as a Software Engineering Intern in Spring or Summer of 2017

PROFESSIONAL EXPERIENCE

ROCHESTER INSTITUTE OF TECHNOLOGY Research Assistant   *August 2016 – Present*
- Developing a collaboration tool for the curation of software vulnerability history data
- Designed front-end timeline used for data visualization using D3 and jQuery

TECH DYNAMISM Software Engineering Intern   *May 2016 – August 2016*
- Expanded a web application for managing a large scope of organization related tasks
- Improved site layout, wrote production code, created unit tests, fixed bugs
- Participated in sprint driven development as a member of the development team

SELF-EMPLOYED Computer Programming Mentor   *June 2015 – August 2015*
- Mentored a 9th grade student in the Java programming language
- Implemented a dynamic lighting system for mentee's video-game

NORTHROP GRUMMAN High School Involvement Program (HIP)   *August 2012 – May 2013*
- Created a first-person-camera system UAV as part of a two-person team
- Designed a system that used a radio frequency transmitter and receiver to transmit video signals to the aircraft

PROJECTS

HOLODESK   *September 2016 – Present*
- Member of a team building a touch screen display using a projector and Kinect
- Writing code to improve touch detection using Arduino and ADXL345 accelerometers

ANDROID TEXT CLOCK WIDGET   *July 2016 – September 2016*
- Developed and published a widget for Android that displays the time as text
- Included features like font customization, text style, and color

ARDUINO DOOR LOCK   *September 2015 – May 2016*
- Made a lock for a dorm room that allowed access through the internet as well as NFC
- Implemented serial protocol with processing to display door status and receive data

LEADERSHIP

SOCIETY OF SOFTWARE ENGINEERS Talks Head   *August 2016 – Present*
- Mentorship and social society with over 50 active members
- Organized talks with students and faculty about many fields of interest

FIRST ROBOTICS FTC Team Defying Gravity: Build Team Co-Leader   *August 2012 – May 2013*
- Virginia State Champion, Regional Inspire Award and Winning Alliance Award Recipient
- Worked in a team to design, build, and program a 16-inch cubed treaded robot
- Designed dual-motor geared drive system to maximize speed and power with treads

SKILLS

Experienced with: Java, Python, Ruby, C, HTML, Arduino, Git, JavaScript

Exposed to: Processing, SQL, Android, Rails, Clojure

Tools and Knowledge: Unix Shell, SSMS, Vim, .Net, JQuery, Angular, D3, Github