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EDUCATION
Rensselaer Polytechnic Institute Troy, NY   Expected Spring 2020
- Bachelor of Science in Computer Science
- Cumulative GPA: 3.43/4.0, Dean's Honors List, Rensselaer Leadership Award, Rensselaer Recognition Award
- Relevant coursework: Computer Science 1 (Python), Data Structures (C++), Multivariable Calculus, Art for the Interactive Media (Processing, Gimp, Photoshop), Foundations of Computer Science (LaTex), Computer Organization (C, Assembly Language), Cognitive Computing, Computational Vision, Cryptography, Programming Languages

TECHNICAL SKILLS
- Languages: React, Python, C++, C, C#, HTML, CSS, JavaScript, TypeScript, Java, MIPS (Assembly)
- Libraries and Frameworks: OpenCV, Numpy, Node.js, Git, Django
- Applications: Processing, Gimp, Photoshop, LaTex, Unity, SPSS, MS Office (Excel, PowerPoint, Word)

PROFESSIONAL EXPERIENCE
Microsoft Explorer Intern | Seattle, WA   May-August 2018
- Developed a user interface that provides insight on device telemetry and configurations to allow support agents to predict, target, and address user's issues more accurately and efficiently
- Standardized collection of incident management tickets to optimize Operations Engineers' analysis
- Defined a Project Specification including features, usability, and scope to allow for future development
- Created API controllers in the backend to pipe data to the frontend user interface
- Participated in the Microsoft OneWeek Hackathon event, creating a JavaScript curriculum for a nonprofit dedicated to empowering underrepresented students through technology

coding&&community | *Founder and Treasurer*   April 2017-present
- Founded this community-based club dedicated to expanding the reach of computer science education to a larger and more diverse demographic of students in Troy, NY
- Executed programs to facilitate learning in programming languages at RPI for secondary students
- Recruited teachers and guest speakers from the field and collaborated with companies for the club
- Held computer science classes for STEP students to teach Python, Terminal, HTML/CSS/JavaScript, and GitHub middle and high school students

RPI Computer Science Undergraduate | Troy, NY | *Mentor*   August 2017-present
- Mentored undergraduate students in Computer Science 1 during office hours and lab

Girls Who Code at Workday | Pleasanton, CA | *Teaching Assistant*   June-August 2017
- Helped lead instruction and maintained an exciting, engaging and accessible classroom environment for a highly diverse group of 20 high school girls
- Taught Scratch, Python, HTML, CSS, and JavaScript as well as Terminal, GitHub, Arduino, and Django

ACTIVITIES & LEADERSHIP DEVELOPMENT
Rensselaer Center for Open Source (RCOS) | Troy, NY | *Mentor, Project Lead*   August 2017-present
- Participated in multiple projects to expand my knowledge of new software and to push my boundaries as a programmer
- Mentored undergraduate students in project design and implementation
- Lead a group of over 15 students in contributing to the coding&&community curriculum, learning React, Arduino, HTML, CSS, and JavaScript, and creating a user-friendly interface for students to continue development on their own

Rensselaer Student Government | Troy, NY | *Elected Student Representative*   January 2017-present
- Organized and managed class events and fundraisers for the class of 2020

Society of Hispanic Professional Engineers Outreach   August 2016-present
- Assisted in the promotion and encouragement of STEM education within the Hispanic community
- Created an activity in which students are exposed to computer science with the Arduino Uno

Society of Hispanic Professional Engineers Jr.   August 2016-present
- Encouraged underrepresented high school students to pursue higher education through various STEM activities
- Advocated for the inclusion of minorities in STEM fields by the promotion and organization of 'Noche de Ciencias'

The Women's Mentoring Program at Rensselaer | *Campus Affairs and Community Outreach Liason, Mentor*   August 2016-present
- Coordinated with other student organizations and campus departments to develop and plan co-curricular events of interest to students

- Acted as RPI Mentor for incoming freshman girls