Cooper Garren

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OBJECTIVE

To secure a cooperative education job or internship with opportunities in the field of engineering

EDUCATION

Stevens Institute of Technology | Hoboken, NJ
Bachelor of Engineering in Computer Engineering   Expected Graduation May 2023
GPA: 3.5 | **Awards**: Edwin A. Stevens Scholarship, Dean's List
Coursework: Data Structures and Algorithms, Microprocessor Systems, Intro to AI, Engineering Design 1-5, Differential Equations, Discrete Math, Probability and Statistics, Circuits and Systems, Engineering Graphics, Mechanics of Solids, Thermodynamics, Digital System Design, Image Processing and Coding, Information Systems Engineering

SKILLS

Software: Comfortable with Windows, Mac, and Linux | MS Office, AWS, GitHub, Slack, Splunk, Docker, SolidWorks
Programming: Intermediate: Python, HTML, CSS, JavaScript, Bootstrap | Beginner: C++, Swift, Assembly, Bash, React
Languages: Fluent in English
Certifications: AWS Certified Cloud Practitioner, Microsoft Word 2016

PROJECT EXPERIENCE

Software Engineering Team, McKinsey & Company | New York, NY
Cloud Data Asset in AWS   9/20-12/20
- Worked with a team to build a cloud data asset using multiple AWS services, Docker, APIs, and CI/CD pipelines
- Built scripts in Python to support different features of the asset such as data masking, validation, and redaction

Engineering Team, Member's Exchange (MEMX) | Jersey City, NJ
Portions of MEMX's Post-Trade Clearing System   1/20-5/20
- Worked in a team to architect a structure for the system including interfaces with third party agency APIs
- Made several different iterations of utilities in Python to supplement the functionality of the post-trade system

Engineering Design II, Stevens Institute of Technology | Hoboken, NJ
Arduino-controlled internet of things weather system   1/19-5/19
- Designed and programmed an Arduino board with sensors to collect weather data and report it to a server
- Collaborated with a team of 2 other people to make the system perform to power and class requirements

LEADERSHIP EXPERIENCE

PHS Debate Team, The Pembroke Hill School | Kansas City, MO
Varsity Debater and Novice Mentor   8/14–5/18
- Mentored 3 novices, putting in hours of extracurricular work to help develop their skills
- Served as an example for novice and junior varsity team members with a fourth-place overall finish in the district

Troop 16, Boy Scouts of America | Kansas City, MO
Eagle Scout   9/11–5/17
- Oversaw the completion of a service project which required managing a team of 12 people
- Served as an elected Assistant Senior Patrol Leader, the second highest leadership position in my Troop

WORK EXPERIENCE

McKinsey & Company | New York, NY
Software Engineering Intern   9/20-1/21
- Worked on an agile development team to construct a cloud-agnostic data asset for use companywide
- Cooperated with about 30 people on different teams around the world, including internal and external workers

Member's Exchange (MEMX) | Jersey City, NJ
Technical Operations/Software Engineering Intern   1/20–5/20
- Worked on the Tech Ops team to create web-based dashboards, ansible deployment playbooks, and other projects
- Collaborated with a separate team on the exchange's post-trade clearing system

ACTIVITIES

Stevens: Vice President of Finance of Sigma Phi Epsilon, Stevens Chess Club, Intramural Tennis
Personal Projects: Website to provide analytics on user Spotify data (spotifydata.com), Chat bot for GroupMe app
Other: Volunteer at Cristo Rey High School in the technology department, Hiking and camping, Coding

Available to work May-August/December 2021 | U.S. Citizen