George Gao

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EDUCATION

Carnegie Mellon University | Pittsburgh, PA   *Class of 2023*
Bachelor of Science in Electrical Computer Engineering, Minor in Business Administration   GPA: 4.00/4.00

EXPERIENCE

Data Analyst | 180 Degrees Consulting | Carnegie Mellon University   *January 2020 – Present*
- Improve data flow models for nonprofits by improving workflow instructions
- Wrote five-page privacy policy for client and presented to company executives

Campus Technician | Carnegie Mellon University   *January 2020 – May 2020*
- Managed, inspected, and troubleshot multimedia devices in classrooms on teams of two
- Identified computer issues and communicated with university IT workers

Communications Director | TEDx | Hinsdale IL.   *January 2018 – June 2019*
- Organized TEDx event for 100 attendees and raised over $1000 in sponsorships
- Marketed event using official Youtube, Snapchat, Facebook, Instagram, and Twitter accounts
- Located, reached out to, and booked speakers from three different states

PROJECTS

Sun Sensor PCB   *August 2020 – Present*
- *Designing prototype PCB board that determines the Sun's angle to calibrate directional components for CMU lunar rover*

Build18 Hardware Hack   *January 2020*
- *Built proof of concept for search and rescue robot on team of four using Onshape and Solidworks 2019*
- *Won Builder's Choice and Rockwell Automation awards*

Hack 112   *April 2020*
- Built Python application in a team of 4 that uses natural language processing and web scraping to determine genres of books by analyzing text excerpts
- Won 2nd Place

Stock Analyzer   *May 2020*
- *Built Python application that analyzes financial data and attributes news articles to stock price fluctuations*
- *Fetched financial data with Selenium and Requests modules, scraped articles with stock news API, and designed front end in Tkinter*

LEADERSHIP

Investment Club | President | Hinsdale Central   *September 2016 – May 2019*
- Taught and learned basic technical investment knowledge
- Managed club PR, recruitment, network, communications
- Organized guest speakers
- Grew club each year from 20 to 40 active members

Skills

Microsoft Office: Powerpoint, Slides, Excel, Word,
Technical Skills: SolidWorks 2019, Onshape, Python, HTML, CSS
Coursework: 15-112, 15-122, Circuits, Signals and Systems, Calculus in 3-D, Physics 1,2 for Engineers

Extracurriculars

Robotics Club   *September 2019 – Present*
American Society of Mechanical Engineers   *September 2019 – Present*
Tartan Student Fund   *September 2019 – Present*
Kappa Sigma Fraternity   *February 2020   – Present*