Zhenguo Mo

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EDUCATION

Northwestern University, Evanston, IL   September 2017- June 2021
BS in **Electrical Engineering**, MS in **Computer Science**   GPA: 3.74/4

- Courses in data structures, probabilistic systems, computer systems, machine learning, computer networking, signals and systems, electronics, FOC, algorithms
- Evans Scholar: awarded a 4-year, full tuition and housing scholarship to attend college based on excellent caddie record and strong academic performance

WORK EXPERIENCE

SAP – Naperville, IL   June 2019 – August 2019
Product Development Intern

- Published external API services using OpenAPI specification enabling increased partnership revenue streams
- Programmed automation for API documentation resulting in reduction of manual entry labor
- Assisted Integration Product Management team in finding security flaws in API services resulting in tightened security
- Authored best practice recommendations for API management to increase scalable use in production

PROJECTS

Algorithm Trading Framework   September 2018 – Present

- Sandbox environment with stock data stored in a database and user-defined trading algorithms to practice statistics modeling and machine learning concepts

Shirley Ryan AbilityLab – Evanston, IL   January 2018 – March 2018
Extended-Wear Gait Training Harness

- Designed and developed an extended-wear harness which minimized skin ulcerations and sores for patients with spinal injuries. (A member of a team of four in a university-sponsored engineering practicum program)

LEADERSHIP/ACTIVITIES

Northwestern Robotics Team – Evanston, IL   September 2018 – Present

- Engineered as a member in a team of four a robot for the Midwestern Robotics Design Challenge competition

American Computer Science League – Naperville, IL   October 2015 – April 2016

- Competed in a national program that tests knowledge of computer science data structures and related topics
- Qualified for the All-Stars Competition for advanced computer science exams and coding challenges

SKILLS

Programming Languages: Python (Proficient), Java (Proficient), C++, C#, SQL, MATLAB
Languages: English (Native), Cantonese (Native), Spanish (Advanced)