215-651-5259

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Collegeville, PA 19426 MSC 1397

**Matthew M. Quigley**

**Languages and Skills**

Python, Java, C++, MySQL

Analyzing and presenting data in Microsoft Excel, Power BI, PowerPoint

Chinese speaking, writing, listening

**EDUCATION**

Ursinus College, Bachelor of Science**,** May 2023

**Major**: Computer Science **Minor**: Chinese

**Honors:** Gateway Merit Scholarship Recipient, Dean’s List

**Cumulative GPA:** 3.74

**RESEARCH EXPERIENCE**

*Adaptive Pursuit Algorithm*

* Helped develop an adaptive pursuit algorithm that dynamically selects the strongest antenna based on previous signal strengths while continuing to monitor potential changes in strength
* Collaborated on Python software with a research team at Drexel University

**EMPLOYMENT EXPERIENCE**

Intelligent Automation Intern, *J.G. Wentworth, Wayne, PA* May 2021-October 2021

* Automated the influx of client data by coding bots to retrieve Excel files from emails sent by client creditors, and loading the data to SQL tables
* Responsible for programming a bot to process dozens of Excel files for the accounting team, reducing time spent from 8+ hours to less than 5 minutes
* Saved the company $100,000+ by programming a bot to manually extract thousands of emails from a former company email server
* Documented past and future projects for the team and mentored incoming intern

Student Technician, *Ursinus College Tech Support, Collegeville, PA* October 2020-May 2021

* Assess and repair broken devices such as laptops owned by the school and students
* Manage school lending system to provide students and faculty with necessary technology

**LEADERSHIP ROLES**

**Treasurer***, Sigma Pi, Ursinus College*  November 2021-November 2022

* Create fraternity budget for each semester
* Manage the payments of the chapter and members’ national dues

**Secretary***, Wismer on Wheels, Ursinus College* September 2019-May 2021

* Collaborate with Executive Board members to help our club combat local hunger and food waste
* Record meeting minutes