

Alex Mai

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QUALIFICATIONS

- Programming abilities in Java, Python, HTML, CSS, Bootstrap, and JavaScript: AngularJS, jQuery.
- Knowledge of Active Directory, Excel, PowerPoint, Adobe Photoshop, InDesign, and responsive web design.
- Project management, communication, teamwork, and self-motivation skills demonstrated in projects and employment experiences.
- Able to speak English and Chinese.

EDUCATION

University of Rochester

Rochester, NY

Computer Science and Business Double Major: GPA 3.61, Major GPA: 4.0

May 2018

- Mock Trial Scholar, Dean's List 3/4 semesters

INFORMATION TECHNOLOGY EXPERIENCE

EXELON CORPORATION

Kennett Square, PA

IT PROJECTS INTERN – EXELON POWER GENERATION

Summer 2016

- Designed and implemented a structure for uploading files to our team Microsoft SharePoint site, which decreased capacity storage by 63 percent and lowered cost to the firm.
- Conducted user acceptance testing of applications on mobile platforms, ensuring on-time deployment.
- Assisted project managers with long-range project planning to ensure money is available for future projects.

UNIVERSITY OF ROCHESTER CLASSROOM TECHNOLOGY

Rochester, NY

COMPUTER TECHNICIAN ASSISTANT

August 2014 – August 2016

- Assist professors with technology in the classroom and troubleshoot when necessary.
- Implement and maintain software updates across campus public labs.

COMPUTER SCIENCE LEADERSHIP AND TEACHING EXPERIENCE

COMPUTER SCIENCE WORKSHOP LEADER, COMPUTER SCIENCE DEPARTMENT **Fall 2015 – Spring 2016**

- Led 12 students in a workshop to improve Java programming abilities and theory by guiding group discussion.
- Evaluated and provided feedback and improvements to the professor and to students regarding the course.
- Participated in a workshop leader course to improve on leadership and teamwork skills.

COMPUTER SCIENCE PROJECTS

CRUDLIST – CLASSIFIED ADVERTISEMENT WEB APPLICATION

Fall 2015

Project Manager

- Used HTML/CSS/Bootstrap, and JavaScript (AJAX, JSON, jQuery) for front-end, SQLite for database, and Python for back-end development to connect potential buyers and sellers.
- Integrated Google Maps API and Facebook API to enhance user interface and functionality.
- Managed a group of three to ensure the completion and timeliness of the application.

WALDO – CROWDSOURCING LIBRARY AVAILABILITY WEB APPLICATION

Winter 2015 - Present

- Taught self to program in AngularJS and to deliver a dynamic web application within a week.
- Conducted usability testing and user acceptance testing amongst peers.

EXTRACURRICULAR & LEADERSHIP ACTIVITIES

ALPHA KAPPA PSI BUSINESS FRATERNITY

Rochester, NY

MASTER OF CEREMONIES

January 2014 - Present

- Improved onboarding process and new member retention by creating a leadership program for new members.
- Updated and wrote constitution and by-laws in accordance to the fraternity.

STUDENT ASSOCIATION GOVERNMENT

Rochester, NY

LEGISLATIVE AID

August 2015 – May 2016

- Engaged in discussion, research, and legislative writing to improve the university and its services.