**Hao Wu –** U.S Citizen

285 Henderson Rd, Bel Air, MD 21014 | (443) 838-6948 | [haowu1@umbc.edu](mailto:haowu1@umbc.edu)

**EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

University of Maryland, Baltimore County Expected Graduation: May 2019

*Bachelor of Science, Information Systems; and Certification for Decision-Making Support*

**SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Computer Languages):** C++, Java, Python, JavaScript, SQL, Swift, HTML, XHTML, PHP, and CSS

**(Software):** Artificial Intelligence, Google Services, Amazon Platforms, MS Office, Emacs, GitHub, Tactical Arbitrage, Procurify, and Keepa

**(Networking):** Decision support systems and Database application development

**(Foreign Languages):** Fluent: Cantonese and Taishanese

**EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Ark International Trading) -** Hong Kong *Data Miner and Data Analyst Intern* February 2017 - February 2018

* Utilized Tactical Arbitrage and other software to extract and record gross profit, gross ROI, sale records, and other relevant data from over **100,000 products** across multiple databases.
* Utilized Amazons FBA database to predict how well a product will sell and how much profit and revenue the product will make.

**(UMD Engineering Information Technology and Distance Education Technology) -** College Park, MD

*Business Affairs Coordinator* May 2018 - August 2018

* Managed **hundreds** of payrolls and accounts for UMD’s engineering department.
* Responsible for ordering, receiving, stocking, and paying for over **$350,000** worth of services and equipment every month.

**(UMBC Hackathon)** **-** Baltimore, MD  
*Front-End Coder, Developer, Lead Promoter, and Team Manager* October 8, 2017

* Collaborated with a team of 3 students to create a food delivery service website to promote the McCormick brand in a 24-Hour McCormick Challenge.
* Retrieved JSON data from the McCormick API servers to gather recipes and product information to populate our database.
* Designed and coded the front-end of our webpage by using **CSS, XHTML** **HTML**, **JavaScript,** **and PHP**.

**PROJECTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Markup and Scripting Languages – Project)**

* Developed a food recipe database web application with 3 other team members following a **full system development life cycle** using **JavaScript**, **CSS, HTML**, and **XHTML** for the applications front-end and **SQL** and **PHP** for the back-end.

**(Artificial Intelligence – Project)**

* Constructed a Sudoku puzzle solver in **Java** using **depth first search** and **recursion**.

**(Computer Science II – Project)**

* Developed a player vs. computer battleship game in **C++** following a **full** **system development life cycle**. The project required the use of inheritance, polymorphism, design logic to help the computer make decisions, and branching structures.

**(CodePath – Project)**

* Constructed a IOS application using **Swift**, that allows a user to browse recent movies supplied from an API movie database, by leveraging the iOS’s built-in networking classes.

**EXTRA-CURRICULAR ACTIVITIES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Member, Alpha Theta Phi, Alpha Zeta Phi Chapter January 2018 - Present
* Member, Institute of Electrical and Electronic Engineers January 2017 - December 2017
* Member, HackUMBC August 2017 – Present
* Member, UMBC Sailing August 2017 – Present
* Teacher, Splash August 2018 – Present