

OWEN LUO

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EDUCATION

University of Maryland, College Park, College Park, MD

Expected May 2021

- **B.S. in Computer Science**, GPA: 3.85
- **University of Maryland Semester Academic Honors (Dean's List)**
- **Coursework**: Discrete Structures, Computer Systems, Object-Oriented Programming II, Linear Algebra, Applied Probability and Statistics
- **College Park Scholars: Environment, Technology, and Economy**
 - Invitation only active learning program to explore the relationships among natural and built environments, advances in technology and efficiency, and the impact of economic sectors
 - Examine current development in sustainability and work to facilitate sustainable initiatives on campus

SKILLS

Java, React Native, MATLAB, C++, C, VPython, HTML

NOTABLE EXPERIENCE

Maryland Information and Network Dynamics Lab, Research Intern, College Park, MD

February 2019 - Present

- Self-learning and utilizing React Native to develop an IOS and Android compatible activity tracking mobile application
- Work closely in a team of seven to help Professor Ashok Agrawala make breakthroughs in the Semantic Web

Boy Scouts of America, Eagle Scout/Junior Assistant Scoutmaster, Rockville, MD

September 2008 – April 2018

- Organized campout events, such as skiing, cooking, canoeing, etc., and supervise scouts
- Organized a donation drive (400+ houses) to obtain equipment (laptops, flags, etc.) for the Boys & Girls Club

ActionNet, Desktop Support Intern, Vienna, VA

July 2017 – August 2017

- Assembled, disassembled, and imaged laptops for employees
- Assisted clientele with tech issues, ranging from password resets to setting up workspaces (laptops, printer, etc.)

HONORS & AWARDS

- **Capital One Best Financial Hack** – Winner *March 2019*
- **Sigma Phi Epsilon Balanced Man Scholarship** – Finalist *October 2018*
- **Bitcamp Decentralize Everything: Blockchain Challenge** – Runner-up *April 2018*
- **Richard Montgomery Programming Competition** - 5th place *October 2017*
- **Montgomery College Programming Competition** - 3rd Place *April 2017*
- **Lockheed Martin Code Quest Regionals, Novice Division** - 1st Place *April 2017*

PROJECTS

Flow <https://devpost.com/software/flow-eoq8s2> (React Native)

March 2019

- IOS and Android compatible mobile application to easily keep track of income and expenses

Blade Card Game <https://github.com/luoowen/Blade-Card-Game> (Java)

May 2018

- Incorporates the Model-View-Controller architectural pattern by using graphical user interface
- Utilizes threads to let players from different computers connect to the same IP and play together

Personal Website luoowen.github.io (HTML, CSS, JavaScript)

April 2018

- Constantly updated website using HTML5UP in order to present my interests and hobbies

ACTIVITIES

Major League Hacking, Mentor

November 2018 – Present

- Guided, helped, and inspired groups of students by helping them make a working prototype during Hackathons

UMCP Taiwanese American Student Association, Junior Officer

September 2018 – Present

- Plan and organize events within a team of 30 to develop and maintain Taiwanese American student life at UMD