

OWEN LUO

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Room 6116 Cumberland Hall
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EDUCATION

University of Maryland, College Park, College Park, MD

August 2018 – May 2022

- **B.S. in Computer Science**
- Coursework: Linear Algebra, Object-Oriented Programming II, Intro to MATLAB

Thomas S. Wootton High School, Rockville, MD

August 2014 – May 2018

- GPA: 3.64 – Honor Roll
- Coursework: AP Computer Science AB, AP Calculus BC, AP Physics C, AP Chemistry

EXPERIENCE

ActioNet, 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.)

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

September 2008 – April 2018

- Helped organize 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

Thomas S. Wootton X-STEM Club, President, Rockville, MD

September 2014 – May 2018

- Led 25+ members to present at X-STEM Symposium, a USA Science & Engineering Festival
- Collected data by inferentially analyzing capillary action in plants using food coloring

HONORS & AWARDS

- *Lockheed Martin Code Quest Regionals, Novice Division - 1st Place* *April 2017*
- *Montgomery College Programming Competition - 3rd Place* *April 2017*
- *Richard Montgomery Programming Competition - 5th place* *October 2017*
- *Bitcamp Decentralize Everything: Blockchain Challenge – Runner-up* *April 2018*
- *Certificate of Meritorious Service (260+ Student Service Learning Hours earned)* *May 2018*

SKILLS

Java, C++, C, VPython, MATLAB, HTML

PROJECTS

Blade Card Game <https://github.com/luowen/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 luowen.github.io (HTML, CSS, JavaScript)

April 2018 – Present

ACTIVITIES

College Park Scholars: Environment, Technology, and Economy, Member

August 2018 - Present

- Active learning program to explore the relationships among natural and built environments, advances in technology and efficiency, and the impact of economic sectors, such as energy, transportation, etc.
- Examine the most current development in sustainability and work with the Office of Sustainability and other campus partners to facilitate sustainable initiatives on campus

Manna Food Center, Volunteer

November 2008 – November 2017

- Participate in food drives for local nonprofit, conducting outreach in neighborhoods to collect non-perishables

Community Pool Service, Lifeguard

May 2016 – September 2016

- Maintain pool sanitation and water quality; respond to aquatic emergencies and injuries (CPR and First Aid certified by Red Cross)