

# 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, C, JavaScript, C++, HTML, Assembly, MATLAB, VPython

## 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 make breakthroughs in the Semantic Web

**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

- *EqualsEquals Capital One Best Financial Hack* – Winner *March 2019*
- *EqualsEquals Best 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* - 5<sup>th</sup> place *October 2017*
- *Montgomery College Programming Competition* - 3<sup>rd</sup> Place *April 2017*
- *Lockheed Martin Code Quest Regionals, Novice Division* - 1<sup>st</sup> Place *April 2017*

## PROJECTS

**Shared Paper** <https://github.com/andyxiao1/shared-paper> (React Native, MongoDB, Socket.IO, Node.js)

*April 2019*

- IOS mobile application which allows synchronous canvas collaboration
- Stores accounts, files, and marks in database to allow devices to access data and sync

**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](http://luoowen.github.io) (HTML, CSS, JavaScript)

*April 2018*

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

## ACTIVITIES

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

*September 2008 – April 2018*

- Organized a donation drive (400+ houses) to obtain equipment (laptops, flags, etc.) for the Boys & Girls Club