

# Vanessa Wang

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## EDUCATION

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Cornell University, College of Engineering, Ithaca, NY

Expected May 2021

- Bachelor of Science in Computer Science, Minor in Electrical and Computer Engineering
- GPA: 3.77

Skills: Java • C# • OCaml • Python • C • HTML/CSS • PHP • TypeScript • ReactJS • Angular • Vue.js • Git

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## INTERNSHIP EXPERIENCE

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Engineering Development Group Intern at MathWorks, Natick, MA (Remote)

May 2020-Aug. 2020

- Contributed features to an internal Example Manager application as part of the conversion to a newer workflow
- Full stack development using Vue.js and MATLAB, adhering to UI design standards and collaborating via Perforce
- Utilized a Go-based search engine library (Bleve) to achieve full-text and faceted search across 20,000 examples
- Presented, demonstrated, and answered questions about the search feature to related teams

Software Engineering Intern at Surescripts, Minneapolis, MN

Jun. 2019-Aug. 2019

- Created a customer activation microsite for customers seeking to upgrade to newer products
- Utilized Agile development methodology and version control software as part of a team of 4
- Full stack development using Angular and C#; tasks included creating form inputs and API endpoints
- Communicated weekly accomplishments through live demos to managers and end users

Software Engineering Intern at PeopleNet, Eden Prairie, MN

Jun. 2017-Aug. 2017

- Completed refactoring of a custom C# code logging system to the NLog framework industry standard
- Created the first version of a test program to check for the accuracy and formatting of data imported into the customer info database
- Provided progress updates during daily stand-up meetings with the Reporting and Analytics team

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## OTHER EXPERIENCE

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Teacher Assistant for INFO 2300: Intermediate Design and Programming for the Web

Jan. 2020-May 2020

- Co-led a lab section of 15 students to discuss lecture concepts and assist with weekly lab assignments
- Graded student projects and provided constructive feedback on website design and code implementation
- Conducted weekly office hour sessions to answer questions and aid with debugging student projects

Developer for Cornell Design and Tech Initiative

Sep. 2017-May 2020

- Developed and updated Queue Me In, an office hours management app used in courses of 100+ students
- Followed design specifications and collaborated using Git in working with a team of 8 designers and developers
- Implemented front-end components using ReactJS and GraphQL, such as the office hours editing page

Treasurer for Cornell Origami Club

Sep. 2019-Present

- Oversee club's budget and document required paperwork
- Manage club's Facebook page and create promotional materials

BigRed//Hacks Hackathon: Best Design/UI

Oct. 2018

- Designed and coded a resource management game using CSS and ReactJS in a team of 4
- Showcased the website and its features to an audience of 100+ people