

David Ng

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EXPERIENCE

Software Developer Intern • Redfin

Jun 2018 - Aug 2018 -- San Francisco, CA

- Developed a prototype Progressive Web App (PWA) of the Home Values page, examining performance, feasibility, and strategies
- Implemented new features to the search map using Java and Flux-architected React

Front End Developer Intern • Crowdkeep

Jun 2015 - Dec 2017 -- Washington, DC

- Designed and developed new updates in React for an admin dashboard, interactive timesheet, and more
- Managed a team of four interns by organizing tasks, defining requirements, and mentoring in HTML, CSS, JS, React, and Git

LEADERSHIP

Student Instructor • University of Maryland

Aug 2018 - Present -- College Park, MD

- Co-create and co-teach a one-credit course, Front-End Web Design & Development, to instruct students on how to code responsive websites using modern web-technologies

Director of Technology • Technica

Jan 2018 - Present -- College Park, MD

- Lead a 12 person tech team to develop an event mobile app and voting web app to support hackathon participants, sponsors, and organizers
- Collaborate with 10 other teams to organize the world's largest female hackathon

PROJECTS

Bitcamp Mobile App • 2018

- Collaborated with two team members to develop a React-Native mobile app with QR-code check-ins, real-time schedules updates, and more

Chinglish • 2017

- Developed a full-stack chatting web application to alleviate language barriers between Chinese and English speakers

EDUCATION

University of Maryland

Gates Millennium Scholar

College Park ETE Scholar

B.S. in Computer Science

Upper Level Concentration in Art

GPA: 3.95

Expected May 2019

SKILLS

Languages

Java, JavaScript, HTML, CSS/SCSS, PHP, C, Ruby, OCaml

Libraries & Frameworks

React, React-Native, Redux, Node, Express, jQuery, Socket.IO, Bootstrap, Jekyll

Development Tools

Git, GitHub, AWS

Design

Photoshop, Illustrator, Sketch

COURSEWORK

Algorithms

Bioinformatics (*current*)

Cloud Computing with AWS

Computer & Network Security

Data Structures

Design & Analysis of Algorithms

Discrete Structures

Full Stack with Node.JS

Handheld Systems (*current*)

Object-Oriented Programming

PHP & JavaScript