

Matthew Wang

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EDUCATION

BS in Computer Science & Engineering – UCLA 2018-2022

- + Coursework: Intro to C++, Intro to Data Structures and Algorithms (In Progress)
- + Muriel K. and Robert B. Allan Fund and UCLA Achievement Scholarship Recipient

SKILLS

- + Languages & Frameworks: Javascript (Angular, React, Ionic, Node, jQuery), C++ (ArduinoC), Python (Django), PHP (WordPress), Java, HTML + CSS (SASS), SQL, Firebase
- + Software: Photoshop, Illustrator, InDesign, Premiere, Google Analytics, GitHub

WORK EXPERIENCE

Software Development Intern – AudioNotch 2017

- + Developed new mobile app for iOS/Android with Angular + Ionic + Cordova stack (authentication flow, audio manipulation, in-app purchases)
- + Implemented server-side REST API for mobile app (Django + Auth)
- + Managed App Distribution to iOS App Store and Google Play Store
- + Redesigned website & refactored web-app (Django + Auth, JS WebAudio API, jQuery)
- + Refactored and redesigned WordPress blog (WordPress + PHP)

Director General, Lead Developer – World Affairs Conference 2014-2018

- + Led team of 20 students for conference logistics and technical development
- + Designed front-end website (Jekyll, Bootstrap + jQuery)
- + Developed back-end website with authentication flow and database management (v1 PHP + MySQL, v2 React + Firebase)
- + Administrated web-server (Nginx reverse-proxy to Apache) on Ubuntu
- + Designed conference materials (e.g. nametags, packages, marketing)

Program Coordinator – Horizons Game Design & Horizons Robotics 2014-2018

- + Created four-week introductory Game Design (Scratch) and Robotics (mBlock + Scratch) courses targeted at underserved Grade 4-6 students in Toronto
- + Led and trained team of 12 tutors to teach 100+ students per year

INTERESTS & PASSIONS

- + Community service, education & outreach, open-source software, game design