

# Matthew Wang

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## EDUCATION

**BS in Computer Science** – University of California, Los Angeles 2018-2022

- + Received UCLA Achievement Scholarship

## SKILLS

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

## WORK EXPERIENCE

**Software Development Intern** – AudioNotch 2017

- + Developed 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 underprivileged Grade 4-6 students in Toronto
- + Led and trained team of 12 tutors to teach 100+ students per year

## INTERESTS & PASSIONS

- + Community service, political discourse, education, open-source software, game design