

Austin Jackson

HOUSTON AREA

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Full Stack Developer - Responsive Web Designer - Tutor

I make robust websites for the modern web, covering the front-end with clean, responsive user interfaces, and creating a back-end that interacts with efficient, reliable server software.

Experience

Website development

Listening to clients in order to understand their needs. Then developing stylish, appropriate, and responsive websites that fit the client's need. Deliverables include but are not limited to: landing pages, blogs, product pages, Wordpress websites, browser extensions, reliable web apps, and back-end services.

- **SalesNexus** (salesnexus.com): Internship from March 2016 to present. Quality assurance and testing for a new CRM platform. Implemented automated tests with Selenium.
- **Keypad** (getkeypad.co): Created website from scratch for a popular app that made its way to the top 10 on the Mac App Store, rated Best Communication App of 2014 by iMore.com.
- **Eytan Schulman** (eytan.co): Personal website for Eytan Schulman. Developed and designed from scratch.
- **Braeden Mayer** (braedenmayer.com): Personal website for Braeden Mayer. Developed and designed from scratch.
- **Willow Bumby** (istx25.io): Personal website for Willow Bumby. Developed and designed in collaboration with Logan McAnsh. Worked on previous version.

Personal projects

Projects developed on my own time and volition. Doing what I do because I love it.

- **Stego** (austinj.net/codered-steganography): CodeRED Liftoff hackathon project for PNG image steganography. Started and finished project in less than 24 hours. Lead developer of the project and co-designed the core embedding algorithm.
- **Viento** (npmjs.com/viento): A front-end JavaScript library for firing, managing, and sequencing CSS animations with brevity and convenience.
- **DirectLinks** (austinj.net/DirectLinks): A Chrome extension to circumvent certain techniques used by Google and Facebook to track link clicks and protect the user's privacy. A port of the Safari extension by Canisbos (canisbos.com/directlinks).

- **Fluff World** (fluff.world): Participated in active development of a private social website and music discussion forum. Specifically, quality assurance and security.
- **FWMC** (git.io/viOLT): Minecraft Spigot plugin written in Java. A custom mod used to implement an outside social database into the game and add custom mechanics.
- **FWAPI** (npmjs.com/fwapi): Custom NPM module written to wrap the Fluff World HTTP API with Node.js bindings.
- **Austinj.net**: Sleek, efficient website implementing Material Design to showcase my work.
- **YouTubeSearchPlaylist** (git.io/vRXjV): Small project done with [Eytan Schulman](#). Used to turn YouTube search queries into an interactive playlist.

Tutor/Consulting

- Heights High School Computer Science UIL team captain for 2 years
- Heights High School Computer Science official Teacher's Assistant and Tutor for 4 years
- Attends regular weekly tutorials to assist other students voluntarily
- [Heights News Network](#) computer tech consultant

Awards

- Student Of The Year award for Computer Programming (2014-2015 school year)

Education

- Honored to participate in *PennApps* (Spring, 2016) hackathon event hosted by University of Pennsylvania
- Honored to participate in *CodeRED: Liftoff* hackathon event hosted by University of Houston—an event limited to college students and select High School students
- Degree in Progress University of Houston Downtown
- C++ Programming Summer Program University of Houston Downtown
- Java Programming Advanced Placement Course (AP score of 5)
- Embedded Programming with Arduino, Electronics Course
- Accepted to Reagan High School Magnet program for Computer Science graduating 2017

Technical Skills

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| • Express.js — Advanced | • Github — Advanced |
| • Node.js — Advanced | • Java — Advanced |
| • JavaScript (ES6) — Advanced | • C++ — Intermediate |
| • HTML5 — Advanced | • Pug (Jade) — Intermediate |
| • CSS3 — Advanced | • Arduino — Intermediate |
| • Sass & Less — Advanced — Advanced | • Photoshop — Intermediate |
| • Git — Advanced | • MongoDB — Introduction |

- [Swift — Introduction](#)
- [Alamofire — Introduction](#)
- [LWJGL/OpenGL — Introduction](#)
- [PHP — Introduction](#)
- [WordPress — Introduction](#)
- [System Admin — Introduction](#)