

ANDREW ARPASI

EDUCATION

Purdue University | Computer Science Major | 2016-2020

Seaholm High School | Birmingham, MI | 2012-2016

EXPERIENCE

Purdue Cognition/Learning Lab (Jul 2017-Pres) | Software Developer

- Maintain and develop browser based trials for psychology experiments.
- Utilize Javascript with jsPsych and jQuery.
- Also develop APIs with Node, PHP, MySQL, MongoDB for the data backend.

Xtern Bootcamp (Summer 2017) | Front End Web Dev Training

- Program in Indianapolis which teaches JS, React Framework and Firebase.
- Worked on multiple projects which utilized these technologies.

EasyCourse (Fall-Spring 2016/17) | iOS UI Development

- Worked with Purdue based student startup to develop components for the interface of the iOS app using Swift and Xcode storyboards.

BSB Communications (Summer 2016) | Phone Installation Team

- Helped upgrade phones for the Birmingham, MI school district.

PROJECTS

ActionPad (2016) | iOS PC Remote | Swift, Java, Node, Firebase

Independently made iOS app to remote control computers. It has a desktop server and backend for user content sharing. On the App Store.

OdinVR (2017) | Online VR Classrooms | Javascript (Three.js)

Developed at Boilermake 4, full version currently in development. Lets instructors create VR scenes for online classrooms. Live scenes are delivered from a Node/Socket.io web app. I worked on 3D scene rendering with Three.js.

GradeGuardian (2017) | Student Success Analytics | Node, Mongo

Created for the OpenEd.ai hackathon, students talk with an advisor chatbot that predicts their risk. Allows policymakers to make predictions. Won second place.

GiftBucket (2017) | Find and Support Charities | Ruby on Rails

Created at MadHacks 2017 to find and donate to charities. I built the backend with the Capital One Nessie API. Won best use of Nessie Prize. On GitHub.

PageStudio (2013) | iPad HTML/Text Editor | Objective-C

My most popular app, includes tools for editing HTML and an FTP client.

 github.com/Andrew-Dev

 devpost.com/AndrewDev

 andrewarpasi.com

CONTACT

E-MAIL

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SKILLS

I am most familiar with the following languages/tools:

1. Swift and Objective-C (iOS) (4 Years)
2. JS/Node (2+ Years)
3. HTML/CSS (4+ Years)
4. Java (3 Years)

I have utilized these tools in past projects/experiences: React, Rails, SQL (MySQL and Amazon Athena), PHP, Git, Python, Firebase, C, C++, Go

AWARDS

- Detroit News/CATCH Scholarship

- Purdue Presidential Scholarship

Won 3 Hackathons:

- OpenEd.ai Second Place
- MadHacks Capital One Prize
- Boilermake Best Use of AWS

RELEVANT

COURSEWORK

CS 251: Data Struct./Algorithms

CS 250: Comp. Architecture

CS 240: Programming in C

CS 182: Discrete Math

CS 180: Object Oriented Prog.