

ANDREW ARPASI

EDUCATION

Purdue University | B.S. Computer Science | 2016 - 2020 | 3.63 GPA

EXPERIENCE

Hulu (Summer 2019) | Software Engineering Intern

- Added WebDriver support to internal browser engine for remote automation testing of living room software. Utilized C++, WebKit libraries, WebSockets.
- Worked with device partners to integrate platform side of new onboarding features for the Hulu TV app, with anticipated revenue of ~\$4.9m.

NextGear Capital (Summer 2018) | Software Engineering Intern

- Developed a new front-end for lenders using React, Material-UI, and GraphQL.
- Worked on server side security fixes in Java/Spring applications.
- Worked on CI system in Python/Jenkins to simplify and speed up deployment.

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

- Maintain and develop full stack applications and browser based experiments.
- Utilize Javascript frameworks including React, jsPsych, and jQuery.
- Utilize Node.js, MySQL, MongoDB, PHP, Docker, and NGINX.

Xtern Bootcamp (Summer 2017) | Web Development Bootcamp

- Learned React and ES6 fundamentals and worked on projects utilizing them.

EasyCourse (Fall-Spring 2016/17) | iOS/Swift Developer

- Helped to develop frontend for the iOS App using Swift and Xcode storyboards.

NOTABLE 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, 700+ downloads.

Vyden (2018) | Online VR Classrooms | JS, Firebase, AWS

VR lectures and tools for online classrooms. Content delivered using Firebase and AWS. Worked on 3D scene rendering in JS with A-Frame/Three.js.

Omnisone (2018) | Decentralized Music Streaming | JS, Ethereum

Smackathon competition finalist, flown to Miami to present. Music streaming app utilizing blockchain for transactions. Worked on backend / data service.

WaBash (2018) | UNIX Shell | C++, Flex, Bison

UNIX Shell with standard features including output redirection, environment variables, tab path completion, subshell execution, and history.

GradeGuardian (2017) | Academic Analytics Suite | Node, Mongo, AWS

Second place in the OpenEd.ai hackathon. Students talk to an advisor chat bot that predicts their academic risk, also allows policymakers to make predictions.

 github.com/Andrew-Dev

 devpost.com/AndrewDev

 andrewarpasi.com

CONTACT

E-MAIL

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SKILLS

Programming Languages

- C/C++
- JS, ES6+, Typescript
- Swift/ObjC (iOS)
- Java
- Python

Databases

- SQL (MySQL, Postgres)
- MongoDB
- Firebase

Tools and Frameworks

- Git
- React
- Node/Express
- Ruby on Rails
- AWS
- GraphQL

AWARDS

- Detroit News Scholarship
- Purdue Presidential Scholarship

Hackathons:

- Smackathon Finalist
- OpenEd.ai Second Place
- MadHacks Capital One Prize
- Boilermake Best Use of AWS / Best use of HERE.com API

NOTABLE COURSES

CS 422: Computer Networks

CS 408: Software Testing

CS 354: Operating Systems

CS 307: Software Engineering

CS 252: Systems Programming