

EZEKIEL D'ASCOLI

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WORK

Places For Less

Full Stack Software Engineering Co-op

December 2020-August 2021

- Maintained full app alongside two other developers (Laravel/Vue Framework)
- Homebrewed analytic tools for optimizing automatic advertisement success
- Engineered an address-based apartment search engine
- Improved user search-page load-time by ~71%
- Integrated backend with Salesforce, Twillio, and Zapier to automate sales-team workflow

Smartleaf

Full Stack Software Engineering Co-op

January-August 2020

- Utilized React, Redux, and plotly API to build a developer tools suite
- Tracked, fixed, & automated testing of major application breaking bugs
- Built large client-facing securities report using Ruby on Rails, Oracle SQL
- Onboarded new-hires and instructed an Agile/Scrum-based team
- Operated as Release Master for 30 days & deployed production releases

PROJECTS

Instagrät

Lead Developer

November 2020

- WIP web and mobile application to crowdsource coronavirus testing
- Using project to learn Svelte, Flutter, and Swift development
- Creating an open-source API for users to interact with backend

Connected

Lead App Developer

September 2018-Present

- Developed hobby based matchmaking app with React Native
- Designed and prototyped application with Adobe XD
- Currently refactoring application towards COVID friendly usage

Language Learning Application

Freelance Full Stack Software Developer

May-September 2017

- Created language learning app with NodeJS, Express, and Handlebars
- Implemented secure PostgreSQL db with authentication via passportJS
- Developed admin tools, multi-language support, & deployed app to web

More on my website

TALENTS

Acting, Graphic Design, Conversational Mandarin, Basic German, Parkour, Juggling, Taekwondo

EDUCATION

Northeastern University

Khoury College of Computer Sciences

College of Arts, Media, and Design

2018-2023

Candidate for

- *BS in Computer Science*
(HCI Concentration)
- *BA in Theatre*
- *Minor in Interaction Design*

GPA: 3.73/4.0

Dean's List

Academic Scholarship

Computer Science Coursework

Mixed Reality, Software Engineering, Mixed Media Performance Lab, Networks and Distributed Systems, Fundamentals of Digital Design/ Computer Organization, Theory of Computation, Algorithms and Data, Object-Oriented Design, Experience and Interaction Design, Computer Systems, Logic and Computation, Fundamentals of CS 1 & 2, Discrete Structures, Probability & Statistics, Linear Algebra

TECH STACK

Web Frameworks

React/Redux, Vue, Svelte, Ruby/Rails, PHP/ Laravel, Handlebars

Languages

JavaScript/TypeScript, Rust, Java, C, C#, C++, React Native, Swift, Flutter, Lisp, Objective-C, R, MIPS/Intel/ATT Asm, Python, Ruby, PHP, bash, QBASIC, Shaderlang

Database

mySQL, PostgreSQL, Oracle SQL, mongoDb, GraphQL

Software

Adobe CC, vim, VS Code, git, JIRA, Confluence, Fisheye, Microsoft Office Suite, Blender, Maya, 3DsMax, Unity, Unreal, Mac, Linux, Windows