

Richard Estes

Software Engineer with a background supporting production level applications, development roles in both back end and front end, and experience in both corporation and startup environments. Looking to join a development team that values collaboration and has a passion to develop high quality software.

WORK EXPERIENCE

Big Break Labs

San Diego, California

Full Stack Developer

May 2020- Present

- Full Stack Developer on food delivery mobile application built using React Native. Designed and prototyped UI using Adobe XD/Illustrator/Photoshop. Back end responsibilities included API design, architecture support, database design, and testing using AWS.

General Atomics

Poway, California

Software Developer

Jun 2018 - March 2020

- Developer on IT Web Applications development team. Strong emphasis on developing, testing, and supporting scalable web applications on Microsoft SharePoint (JavaScript). Developer on internal AI project team. Technology stack: JavaScript, Microsoft Azure Bot Framework (C#). Other responsibilities included developing PowerShell scripts and SAP applications (ABAP).

PROJECTS

SpotifyStats.io

- Designed and developed a responsive web application that generates stats and personalized playlists based on a user's Spotify listening history using Spotify's API and custom comparison algorithms. Technology used: Vue, AWS (Lambda, API Gateway).

Game Development

- Developed small 2D and 3D games with the Unity Engine(C#). Incorporated foundational game design concepts and designed original art assets including music, pixel art, and basic 3D art. Created sample game development documentation including Game Design Documents and Project Proposals. High emphasis in Agile Development with group projects.

Reddit Sports Bot

- Reddit bot scrapes comments from sports subreddits and replies with a link to the corresponding game's stats. Technology used: Python, AWS Lambda. Hosted on PythonAnywhere.

Personal Portfolio Website

- Technology stack: HTML/CSS/JS.

TECHNICAL SKILLS & LANGUAGES

- Python | C# | Web Development (HTML5/CSS) | JS | React/React Native | Vue | - Comfortable
- C# | C | C++ | Java | - Familiar
- Misc Skills: AWS, Git, UNIX, Unity, SAP, Visual Studio, SharePoint, Adobe Creative Cloud, Microsoft Azure

EDUCATION

SAN DIEGO STATE UNIVERSITY

San Diego, California

Computer Science

2015-2019

- RELEVANT COURSEWORK: Data Structures, Algorithms, Machine Learning, Computer Architecture, Programming Languages, Systems Programming, Advanced 3D Game Development