Clayton Novotney
Software & Data Engineer

I am a recent graduate from the University of Washington with a B.S. in Informatics having a focus in Data and Software Engineering looking for an entry level Full-Stack, Data, or Software Engineer position. During the summer of 2018, I attended a 14 week-long coding bootcamp where I learned 3 full stacks of web development and software engineering. I have been involved with a number of different startups and personal projects where I have developed full stack solutions/products that are currently in use by said start-ups and for personal uses.

Experience

Backend Software Engineer
Jan 2021 – Jun 2021

Arrived Homes
- Helped plan, develop and deploy a full-stack internal tool used for automating the underwriting and acquisition process.
- Developed and deployed MSSQL database hosted on AWS RDS storing MLS data collected from web scrapers and public API's.
- Developed and deployed a Python/Flask API serving information stored in our database, while also completing calculations about each property.

Technical Support Specialist
Sep 2020 – Jan 2021

Vibe Inc
- Communicated with customers experiencing technical issues with their Vibe board via email and video calls.
- Collected logs from customer devices to determine cause for chief complaint.
- Communicated with product and engineering team about errors/bugs with systems causing issues with customers devices.
- Consulted with the engineering team to determine possible solutions.

Account & Project Manager
Jun 2019 – Mar 2020

Vibe Inc
- Monitored and analyzed customers usage of our product.
- Liaison between customers and product development teams to produce new software features available on our hardware, mobile and web applications.
- Helped customers through email, phone, screen-shares, online presentations and in-person meetings to maximize efficiency with our product.

Full Stack Developer
Jun 2018 – Sep 2019

Glimpse Wearables
- Built and deployed various full stack services, including websites, API's, databases, and the beginning stages of machine learning processes.
- Worked with and managed a team of 5 developers responsible for developing, deploying, maintaining and updating previously mentioned services.
- Member of the founding team that helped lead direction of the company.

Education

University of Washington
Sep 2016 – Jun 2021

Informatics (B.S.)
Custom focus in Data and Software Engineering
Member of Sensors Energy and Automation Laboratory (S.E.A.L)
Co-President of UW Watersports Club.

Coding Dojo
Jun 2018 – Oct 2018

14 week-long coding bootcamp where I learned 3 full stacks of web development and software engineering. The stacks/frameworks we learned consisted of Python/Django, ASP.Net Core, and MEAN with operational deployment on Amazon Web Services and Microsoft Azure.

Personal Information

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Personal Site
ClaytonNovotney.me

Coding Languages

Python/Django/Flask
Advanced

SQL/MySQL
Advanced

HTML/CSS/JS/Ajax
Advanced

Java/React/Node.js
Intermediate

C#/ASP.Net/TypeScript
Intermediate

Go/PHP/R
Beginner

Development Tools

Amazon Web Services
Advanced

Visual Studio Code
Advanced

GitHub/Version Control
Advanced

DataGrip/Tableau
Advanced

Microsoft Azure
Beginner

Courses Completed

- Databases and Data Modeling
- Database Design & Management
- Data Structures & Algorithms
- Data Science I
- Interactive Info Visualization
- Server-Side Development
- Client-Side Development
- Software Architecture
- Computer Programming, I & II
- IS Analysis & Design
- Information Architecture
- Information Ethics & Policy
- Technical Foundations
- Web Programming