Edward Guevara

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Skills

Languages: Python, C++, C#, Javascript, HTML, CSS
Web-based Tools: NodeJS, ExpressJS, ReactJS, AngularJS, Bootstrap, REST
Machine Learning Tools: TensorFlow, OpenAI
Database-related Tools and Languages: MongoDB, MySQL, BerkeleyDB, Redis
Other: Docker, Git, Microsoft Office Word, Excel, and PowerPoint

Technical Experience

6-month Research Project

- I implemented the NEAT algorithm and other neural network algorithms to verify the validity of the NEAT algorithm to learn Atari's Pong using Python, TensorFlow, NumPy, and OpenAI.

Hackathon Project at HackSU

- Our team designed and implemented an end-to-end application that determines dungeon and dragon characters based on a personality test and received second place.
- It was implemented using ReactJS and Axios for the client-side application, NodeJS and ExpressJS for the server-side application, and MongoDB for the database.

Database Manager

- I implemented a database manager using BerkeleyDB for its highly scalable data management services and Hyrise sql-parser to make SQL calls in C++.

Education

Master of Science in Computer Science *Sept 2015 - March 2018*

- Seattle University
- 3.7 GPA

Bachelor of Science in Mechanical Engineering *Sept 2008 - June 2012*

- Seattle University
- 3.5 GPA
- Campion Scholarship; Larry Orr Scholarship
- EIT certified/ Passed the FE exam

Work Experience

Retail Lockbox Inc., Implementation Assistant *June 2015 - Mar 2016*

- Worked with customers, developers, IT, accounting team, and production team to setup 1 to 2 business clients a month for check processing and document scanning

Retail Lockbox Inc., Document Specialist III /Accounting Assistant *Oct 2013 - June 2015*

- Managed nearly 1000 physical documents and checks to process and scan for customers
- Responsible for verifying and sending over 100 invoices by month's end to customers

TSI, Engineering Assistant *Dec 2012 - June 2013*

- Analyzed various samples for customers using Laser-Induced Breakdown Spectroscopy (LIBS)
- Analyzed samples to use for peer-reviewed articles
- Drafted engineering drawings for parts used in LIBS Analyses