

# Edward Guevara

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## Skills

**Languages:** Python, Javascript, HTML, CSS, C++, C#

**Web-based Tools/Frameworks:** ReactJS, Bootstrap, NodeJS, ExpressJS, AngularJS

**Database-related Tools:** MySQL, MongoDB, Redis, BerkeleyDB

**Machine Learning Tools:** TensorFlow, OpenAI

**Miscellaneous Tools:** Git, Docker, Microsoft Office Word, Excel, and PowerPoint

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## Education

**Master of Science in Computer Science, Seattle University**

*Sept 2015 - March 2018*

❖ 3.7 GPA

**Bachelor of Science in Mechanical Engineering, Seattle University**

*Sept 2008 - June 2012*

❖ 3.5 GPA

❖ Champion Scholarship; Larry Orr Scholarship

❖ Passed the FE exam

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## Technical Projects

### **Hackathon Project at HackSU**

- ❖ Designed and implemented an end-to-end application that determines dungeon and dragon characters based on a personality test with other developers and received second place.
- ❖ Implemented using ReactJS and Axios for the client-side application, NodeJS and ExpressJS for the server-side application, and MongoDB for the database.

### **6-month Research Project**

- ❖ 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.

### **Database Manager**

- ❖ Implemented a database manager using BerkeleyDB for its highly scalable data management services and Hyrise sql-parser to make SQL calls in C++.
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## Work Experience

### **Retail Lockbox Inc., Implementation Assistant**

*June 2015 - Mar 2016*

- ❖ Setup and implemented 2 to 3 business clients a month for check processing and document scanning by working with software developers, accounting team, and production team

### **Retail Lockbox Inc., Document Specialist III /Accounting Assistant**

*Oct 2013 - June 2015*

- ❖ Managed nearly 1000 physical documents and checks per day to process and scan for customers
- ❖ Verified and sent 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