

# Bradley Hower

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## JUNIOR SOFTWARE DEVELOPER

An optimistic attitude, motivated by creating value by using the latest tech. Technical background. Strong ability to take ownership while working within a team to solve technical problems via agile techniques. Tendency to dive deep into subject matter for resolution and greater understanding. Excellent communicator. Why me? Because my ability to see the whole picture allows me to be a better problem solver, to avoid pitfalls, and to assist others. Your best employee.

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### SKILLS & EDUCATION

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**Languages:** Python, JavaScript, CSS3, HTML5

**Skills and tools:** VS Code, Git, GitHub, Github Actions, Python, Node.js, React, HTTP methods, MongoDB, RESTful APIs, Google Cloud Platform, Google Translate API, ChatGPT API, Serpapi Baidu API, Auth0, JSON, SQL, NoSQL, Bootstrap, Django, Jupyter Notebook, Numpy, Pandas, Seaborn, Netlify, Vercel, Tailwind CSS, Docker, microservice-based architecture

#### Code Fellows - Seattle, WA

Certificate: Advanced Software Development in Python, March 2024

#### University of Washington, Seattle, WA

Bachelor of Science: Molecular, Cellular & Developmental Biology, Class of 2015

Award for Academic Excellence – Winter 2011, Spring 2011, Summer 2011

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### PROJECTS

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#### Layout Evolution

<https://github.com/Bradley-Hower/layout-evolution>

August 2024

Evolves keyboard layouts via selection based on the keyboard analysis scores. Goal of the project is to discover the one ultimate keyboard to replace Qwerty.

- **Tech:** Python.

#### Prismatic Puzzle – Team

[github.com/Alpha-Code-Collective/prismatic-puzzle](https://github.com/Alpha-Code-Collective/prismatic-puzzle)

February 2024

Pushes one's problem-solving skills via a mentally stimulating logic puzzle game. Led team in development.

- **Tech:** Python and Pygame.

#### Leap the Wall

[github.com/Bradley-Hower/leap-the-wall-frontend](https://github.com/Bradley-Hower/leap-the-wall-frontend), [github.com/Bradley-Hower/leap-the-wall-backend](https://github.com/Bradley-Hower/leap-the-wall-backend)

December 2023

Leap the Wall is a keen Baidu search proxy which supports English queries and images, optimized for Chrome. Expands one's ability to do research by opening access to the Chinese search giant.

- **Tech:** Node.js, React, Google Translate API, Serpapi Baidu API, Auth0, Express, and MongoDB.

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## Projects

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### Rezzies

September 2023

[github.com/Bradley-Hower/rezzies](https://github.com/Bradley-Hower/rezzies)

Rezzies is a collectible, educational digital asset game targeted towards children. Built to optimize engagement, users can explore and learn about prehistoric creatures.

- **Tech:** HTML, CSS, and JavaScript.
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## EXPERIENCE

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Lowkey Buzzer, Seattle, WA

March 2024 – July 2024

### Sales Infrastructure Development Intern

Worked closely with founder to build the sales partnership infrastructure. Counseled with founders regularly to create strategies to increase sales. Key point of contact for incoming partnership leads.

#### Key Contributions:

- **Tik Tok Scraper.** Found and put into effect existing Tik Tok Scraper API, generating our leads. Added some extra code to create an aggregated email list and to avoid duplicates.
- **Sales Process.** Spoke with founder at length on the sales process and different strategies which could be implemented.

Credit Union Home Mortgage Solutions, Seattle, WA

August 2020 – July 2023

### Loan Officer Assistant

Key point of contact for incoming inquiries from partner credit unions and retail customers. Delivered valuable information on market conditions and clarity on loan product qualification requirements.

#### Key Contributions:

- **Calculator Development.** Developed multiple complex mortgage finance Excel calculators, which included the use of VLOOKUP, XIRR, and some macro functions.
- **Understanding in Detail.** Read FNMA guidelines in full. Thus, confidently completely covered Loan Officers while they were out of office.

Credit Union Home Mortgage Solutions, Seattle, WA

June 2019 – August 2020

### Loan Servicing Specialist

Accurately set up loans, posted payments, and adjusted ledgers. Processed paid-off mortgages and filed loan reconveyances. Maintained and developed customer relations through quality service and outreach plans.

#### Key Contributions:

- **Debugging.** Identified that the login on the company site was a key source of customer confusion. Corrected site code, completely eliminating the three or so related calls per week we were receiving, and improved customer satisfaction.
- **Data analysis.** Via data mining, identified and resolved critical issues with our ARM loans in service. Results, we were back in compliance and borrowers received refunds due to overpayment.

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## EXPERIENCE

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1<sup>st</sup> Security Bank of Washington, Mountlake Terrace, WA

January 2019 – June 2019

### **Loan Operations Representative**

Top performer – highest output numbers with the lowest rate of errors. Processed payments, payoffs, and payoff quotes. Balanced and reconciled accounts & ledgers. Uploaded and funded mortgage loans.

#### **Key Contributions:**

- **Improved efficiency.** Judiciously organized tasks and processes to maximize output.
- **Quick learning.** With an comprehensive learning process, was able to shortened the training process by two weeks, thus reducing demand on the team lead and management.

*Further work history can be provided upon request.*