**Ben Looper**

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[BenLooper](https://github.com/BenLooper) | [Medium Blog](https://benlooper08.medium.com/)

**SUMMARY**

Full-Stack Software Engineer with experience in AWS, JavaScript, React, Redux, Python, C#, .NET, Ruby, Ruby on Rails, Sinatra, SQL, HTML and CSS | Two years of experience across retail, banking, and commercial airline operations | Creative problem solver and team-player with passion for customer-focused innovation | Voracious learner and language enthusiast | Seven years of experience as a performer and director for improvised comedy troupes

**SKILLS**

AWS EC2, AWS RDS, AWS Lambda, AWS API Gateway, AWS DynamoDB, AWS Cognito, AWS AppSync, JavaScript, React, Redux, C#, .NET Core, ASP.NET, Entity Framework, SQL/PostgreSQL, SQL Server, Bootstrap, HTML, CSS, Python, Ruby, Ruby on Rails, Sinatra

**PROJECTS**

**Rogue Moon** - [Github](https://github.com/BenLooper/MoonGwent) | [Demo](https://www.youtube.com/watch?v=J07Cm1KeC_E&feature=youtu.be)

*A rogue-like card game in which players battle an AI for dominion of the moon.*

* Utilized Redux to handle state, storing both game and secure user information in the frontend.
* Designed a realistic computer opponent that makes decisions based on game conditions in the store.
* Constructed purely with functional components and hooks.
* Styled with both React Bootstrap and custom CSS

**Stellar** - [Github](https://github.com/BenLooper/stellar-app) | [Demo](https://www.youtube.com/watch?v=i7R7HOpHyKs&feature=youtu.be)

*An environment for students to find and share space science media.*

* Implemented secure login sessions using bcrypt, JWT, and localStorage.
* Handled multiple calls to two different NASA APIs.
* Stored user and project data in a PostgreSQL database using Rails.

**Valence** - [Github](https://github.com/BenLooper/Valence) | [Demo](https://youtu.be/wXAvJpNUsMQ)

*A visually rich, interactive dark theme Periodic Table with a built-in Quiz mode.*

* Implemented an interactive quiz mode using timer functions and event listeners.
* Made entirely in vanilla JavaScript with custom HTML and CSS styling.
* Persisted all user info and game history with Rails API.

**EXPERIENCE**

**Infosys**  Houston, Texas

Software Engineer 01/2021 - Present

* Trained in basic Java, C#, SQL Server, Entity Framework, ASP.NET, and Angular
* Trained in AWS including EC2, RDS, Lambda, API Gateway, DynamoDB, Cognito, and AppSync

**United Airlines** Houston, Texas

Ramp Agent 01/2020 - 10/2020

* Provided under-wing services to commercial aircraft while ensuring all occupational safety regulations were met.
* Frequently served as Team Lead, coordinating inbound flight planning, equipment preparation, and safety checks.

**JPMorgan Chase** Houston, Texas

Associate Banker 05/2019 - 12/2019

* Resolved complex account maintenance issues in a timely manner through direct communication with customers.
* Audited and balanced bank vaults and machinery while following strict banking regulations to ensure accuracy.

**EDUCATION**

**Flatiron School** Houston, Texas

Full Stack Web Development, JavaScript, React, and Ruby on Rails 08/ 2020 - 12/2020

**Texas A&M University** College Station, Texas

B.A. in International Studies, Minor in Chinese Language (graduated with honors) 05/2018

**Princeton University** Princeton, New Jersey

Princeton in Beijing, Intensive Chinese Language Summer Immersion Program 08/2017