

# Beckett Jenen

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## EDUCATION

### Rochester Institute of Technology

Bachelor of Science in Computer Science | Minor in Cyber Security

Rochester, NY

Completed: December 2023

## EXPERIENCE

### Enel X | Angular, Node.js, Cucumber, AWS Lambda

Software Engineering Co-Op

May 2023 – August 2023

New York, NY

- Developed software for Enel X's energy management platform and their form validation, significantly enhancing efficiency.
- Designed and implemented RESTful APIs, enhancing interoperability of Enel X's software ecosystem.
- Collaborated with the QA team to implement automated testing, reducing regression testing and ensuring reliability of releases

### Constant Contact | React.js, Java Springboot, Jest, GraphQL

Software Engineer Co-Op

September 2020 – December 2020

+ May 2021 – August 2021 | New York, NY

- Contributed to the development of user interfaces and experiences as part of a 12 person team, focusing on full-stack work.
- Spearheaded key features for multiple major releases, enhancing overall functionality and user satisfaction of the software.
- Helped identify and resolve bugs ahead of the release of landing pages to over 600,000 customers.
- Engineered various frontend changes on the flagship cross-platform email editor and landing page feature.
- Facilitated the integration of NIFT technology into the product, enhancing its capabilities.
- Integral to the team's success in delivering releases for multiple MVPs, demonstrating a commitment to project objectives.

### Axate | Preact, React, Webpack, Babel, Redux-zero, Docker, SASS, Storybook

Software Engineer Co-Op

June 2020 – August 2020

London, UK

- Fashioned new features for Axate's primary application while working on a team of three.
- Worked on their third-party ad software that charged users for the portion of a page they read.

### Slomin's Inc.

Associate Cyber Security Consultant

Summer 2017, 2018, and 2019

Hicksville, NY

- Collaborated with the Security Department's leadership to spearhead enhancements of the company's security architecture.
- Administered the deployment of computers and mobile devices used in company oil trucks.

## PROJECTS

### Charmory | Next.js, NextAuth, Prisma, PostgreSQL

- Developed a dynamic web application for crafting and customizing D&D characters with rapid generation using Next.js.
- Implemented a scalable, user-friendly interface catering to both experienced Dungeon Masters and novice adventurers.
- Utilized dynamic programming to optimize character generation and data security with NextAuth and Prisma.
- Ensured security with NextAuth authentication and Prisma for data storage.

### SmartDino | TensorFlow, Python, React.js

- Developed a neural network leveraging TensorFlow to autonomously play the Google Chrome dinosaur game perfectly.
- Designed and implemented an intuitive GUI to visually represent the neural network's progress across evolutions.
- Achieved a balance between precision and adaptability, showcasing the neural network's prowess in navigating the game.

### Autoreact | Node.js, MongoDB, Slack APIs

- Engineered a robust Slack Bot using Node.js, enabling real-time message reactions which enhanced user engagement.
- Implemented efficient storage of entries and usernames in a MongoDB database, optimizing data retrieval.
- Developed message checking mechanisms to prevent DOS attacks, ensuring a secure and responsive web application.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, Java, C, C#, C++, HTML5/CSS3, TypeScript, Swift, Dart, Go, Rust, Scala

**Front-End Development:** React.js, Angular, Vue.js, Next.js, Webpack, SASS, Jest, Pytest, JUnit, Maven, Jest, Mocha, Flutter, Redux

**Back-End Development:** Node.js, Express.js, Django, Flask, Ruby Rails, Java Spring Boot, .NET, ASP, REST, GraphQL, WebSockets

**AI Development:** TensorFlow, PyTorch, Natural Language Processing, OpenCV, Reinforcement learning, Neural Networks

**Databases and DevOps:** SQL, PostgreSQL, MongoDB, Jenkins, Travis CI, GitHub Actions, Docker, Kubernetes, AWS, OpenShift, OKD

**Other Skills:** GitHub, Selenium, Cypress, OAuth, SSL, Agile, Scrum, Ability to adapt and learn new languages as needed