# Corbin Arcus

## Full-Stack Software Engineer

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## Skills

React.js, Redux, JavaScript, HTML5, CSS3, SQL, PostgreSQL, Heroku, Flask, Express, Python, SQLAlchemy, Node.js

## Projects

### The-Mana-Curve                                         [live site](#) | [github](#)

HTML5, JavaScript , React / Redux, CSS3 , AWS , Heroku, SQLAlchemy, Sockets.io, Flask, Python

*This is a deck building website where users create decks, choose formats, and perfect their card deck*

- Integrated a search function to query a 3rd party API for all data the user needs to add a card to a decklist.
- Utilized Redux architecture's unidirectional data flow with React for predictable state and reliable DOM rendering.
- Designed each React styled component to improve the scalability of the application and DRY up the code.

### Harmony                                                [live site](#) | [github](#)

HTML5, JavaScript , React / Redux, CSS3 , AWS , Heroku, SQLAlchemy, Sockets.io, Flask, Python

*Harmony, a discord clone, allows users to chat with other users in real time via servers, channels, DMs.*

- Installed AWS to allow image uploading for user profile pictures and server images.
- Worked in an Agile environment to design a working full-stack chat application.
- Implemented web sockets to dynamically update chat rooms when a user sends a message.

### DIY Duck                                               [live site](#) | [github](#)

HTML5, JavaScript, CSS3, Heroku, postgreSQL,Express, Pug

*DIY-Duck allows users to view all questions and answers created by other users.*

- Programmed a joins table between users and groups to be able to add and remove users from groups.
- Built an Express server using RESTful route conventions to optimize server response time.
- Secured user data by incorporating Bcrypt password hashing to protect routes and verify user credentials.

## Experience

**Concierge**  |  June 2020 - July 2021

Advanced Call Center Technologies | Bank of America

- Improved customer interactions and overall satisfaction for the contract company by utilizing proprietary conflict resolution and de-escalation tactics while ensuring timely issue resolutions for the customer.
- Conducted pre-application data collection to streamline customer Lending Officer (LO) relations, gathering essentiall information from the customer to reduce call times for the LO by 3-5 minutes each.
- Served approximately 100 customers per 10-hour shift and connected them to their designated LO.

## Education

**App Academy**  |  Fall 2021  |  Online

Immersive software development course with focus on full-stack web development

Coursework included Object-Oriented Programming, Agile work environment, and common full-stack technologies

**East Tennessee State University**  |  Fall 2019  |  Johnson City, TN

Studied Computer Science coursework in Java such as Computer Science I & II