

# JACKSON LUDWIG

## DETAILS

### ADDRESS

New York  
United States

### EMAIL

jacksonludwig0@gmail.com

## LINKS

[Personal Website](#)

[GitHub Profile](#)

[LinkedIn Profile](#)

## SKILLS

TypeScript

● ● ● ● ○

JavaScript

● ● ● ● ○

Python

● ● ● ● ○

Java

● ● ● ● ○

Lua

● ● ● ● ○

Go

● ● ● ○ ○

Rust

● ● ● ○ ○

C/C++

● ● ○ ○ ○

Git

● ● ● ● ○

Amazon Web Services

● ● ● ● ○

Serverless Framework

● ● ● ○ ○

MongoDB

● ● ● ● ○

React

● ● ● ● ○

## RELEVANT EMPLOYMENT

### Software Engineer Intern, Green Action Studio

Schenectady, NY

Jun 2021 — Aug 2021

- Full-stack development of electric vehicle charging station software.
- Worked with team of experienced software engineers in an agile environment.
- Built a serverless backend API using AWS Lambda, SNS, and more.
- Successfully deployed company's first in-house mobile application.

### Programming Teacher, theCoderSchool

Syosset, NY

Jan 2020 — Aug 2020

- Introduced important computer science/architecture concepts.
- Created company's first curriculum for Lua programming.
- Worked as a team with other teachers for coding events.

## PROJECTS

### Sporadic (In Progress)

Web application for users to create and share trivia quizzes in community run platforms. Created with a team of programmers. Users can customize, create, and join each other's communities. (JavaScript/NodeJS/React/MongoDB/AWS Amplify).

### Go-Randomize-Bot (2021)

Application that interfaces with the Discord (a chat program) API to create randomized teams for team games. Team size will be automatically balanced, but users can optionally choose to specify who to include. (Go).

### SmiteRustSDK (2020)

SDK for the Rust programming language to more easily make calls to the Hi-Rez Studios (a video game company) Developer API. Abstracts away complexity, appropriately creating a user signature and parsing data into objects. (Rust).

### College Application System - CAS (2018)

Mobile application to facilitate college applications in the US. Users can make accounts and save colleges to favorites. (Java/Android/Firebase).

## EDUCATION

### B.S., Computer Science, State University of New York at Stony Brook

Stony Brook, NY

Aug 2020 — May 2022

**Coursework:** Data Structures and Algorithms, Computer Security, Discrete Math, Object-Oriented Programming, Functional Programming, Computer Architecture.

### A.S., Computer Science, Suffolk County Community College

Selden, NY

Sep 2018 — May 2020