

# ANIL RAMSOOMYE

## SOFTWARE ENGINEER

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🌐 AnilRamsoomye

## EDUCATION

**Stony Brook University**  
B.S. Computer Science  
B.S. Applied Mathematics and Statistics  
Aug. 2015 to May 2020

**Stuyvesant High School**  
Co-Founder of Alzheimers Awareness Association  
Sept. 2011 to June 2015

## RELEVANT COURSES

Computer Organization and Architecture (C) , Scripting Languages (Python) , Analysis of Algorithms (Python, Java), Principles of Database Systems (MongoDB, Python) , Software Engineering (Java, JavaScript), System Fundamentals (Assembly - MIPS) , Principles of Programming Languages (Python , SML, Prolog), Computational Geometry

## SKILLS

**LANGUAGES:** C, Java, Javascript, Python, SML, Prolog, Assembly (MIPS), R, MATLAB, PowerShell, HTML/CSS

**FUNCTIONAL KNOWLEDGE:** AWS, Node.js, React, JQuery, Spring, MySQL, MongoDB, DynamoDB, Git, Maven, Docker

## EMPLOYMENT

**LIVEPIN INC.**  
*Software Engineer Intern (Fullstack)*  
Jan. 2020 to May 2020  
New York, NY

- Designed and implemented React components that allowed users to personalize their embeddable live stream player and their landing page for stream viewers. All component functionality fully integrated with AWS.
- Developed REST API using Serverless Framework to store data in DynamoDB, images stored in S3 using AWS Amplify
- Managed IAM Roles and Policies using Cognito
- Isolated causes in stream buffering causing a reduction in buffer startup time from 4 seconds to 1 second by debugging legacy code
- Created design documentation and best practices upon leaving the position for extensibility
- Onboarded and trained new interns

**BREAKTHRU BEVERAGE GROUP**  
*Sharepoint Systems Intern*  
May 2017 to May 2019  
New York, NY

- Created "The Playbook" an intranet site used for company-wide employee resources and onboarding tools which receives over 1k views in traffic per week
- Acted as SharePoint Administrator to oversee the development of 20 different sub-sites for various locations across NA
- Used PowerShell to create weekly script to transfer nested folder structure and files into differing SharePoint Libraries

## PROJECTS

**RAISING THE BAR - BARTENDING TRAINING APPLICATION**  
Aug. 2019 to Dec. 2019  
*Project Manager*

- Developed Web Application using Spring built with Apache Maven
- Designed single page application designed with React
- Allowed users to create recipes for drinks with a cache of ingredients to choose from, simulate mixing a drink, create tests composed of multiple recipes and view grades of users who have taken their tests
- Created Java-based backend to interact with MongoDB repositories
- Organized team meetings, deadlines and deliverables

**MAZEWAR GAME SERVER**  
Dec. 2019 to Jan. 2020

- Implemented a multi-threaded game server in C with users signing onto the same port
- Used signal handling to deal with functionality of movement and player POV
- Integrated updating view of maze which allowed multiplayer interaction and dynamically updating views

**CHOSEN**  
Jan. 2019 to May 2019

- Java application integrated with MySQL used to filter and find job listings
- Script run to parse Indeed and Monster for specific job titles and populate MySQL database
- Front-end application designed with JavaFX
- Allowed for filtering of jobs based on location, salary, company etc.

**DATAVILIJ**  
Aug. 2019 to Oct. 2019

- Java application that allowed users to select AI algorithm and dynamically show user what changes and how
- Algorithms to be visualized were classification and clustering
- Used the ViLiJ, JavaFX frameworks