

Pratyush Vyas

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EDUCATION

Stony Brook University

B.S. in Computer Science

Stony Brook, NY

Dec 2020

Relevant Courses: Data Structures, Analysis of Algorithms, System Fundamentals

TECHNICAL SKILLS

- Programming Languages: Java, C, Python, JavaScript, C++
- Full Stack: React, Mongoose/MongoDB, Node.js, Express, SQL, HTML, CSS
- Other Tools: Git, Linux

WORK EXPERIENCE

EC Infosystems

IT Intern

Uniondale, NY

Mar, 2020 – Oct, 2020

- Developed systems to gather and store company asset information into a database using Powershell, SQL, MS SQL
- Utilized ASP.NET Razor Pages to develop a web application to manage over 600 internal devices
- Implemented and planned IT Change Control policies to properly log/maintain information

AV (Audio/Visual) Services at Stony Brook University

AV Support Staff

Stony Brook, NY

Nov, 2017 – Sept, 2019

- Trained users in usage of various audio/visual software and hardware on a daily basis
- Performed troubleshooting, maintenance and organization of internal equipment
- Conducted customer service calls in assisting faculty as well as students in technical issues

ID Tech Academy

Instructor

Columbia University, NY

Jul, 2018 – Aug, 2018

- Taught 10 junior engineers to develop various types of Java and Python projects each week
- Tailored workflows and developed curriculums for each individual to achieve maximum productivity
- Assisted students in debugging incomplete projects to completion

Alphaserve Technologies

Technical Coordination Intern

New York, NY

Jun, 2016 – Aug, 2016

- Managed, redirected, and assigned internal and client tickets to appropriate departments
- Utilized Excel to reorganize and reconcile sensitive client data into a readable format

PROJECT WORK

Project Name: CassetteNet

Oct, 2020 – Dec, 2020

- Developed a web application that allowed users to create playlists of songs and share/collaborate playlists with other users
- Incorporated various user functionalities such as signing up, messaging another user, changing profile picture and following another user's activities
- Integrated song retrieval via YouTube and SoundCloud APIs and management of data via MongoDB collections
- Technologies Used: React, MongoDB, Express, Passport.js, Material-UI

Project Name: Knight's Shortest Path

Dec, 2020 - In-Progress

- Implemented the breadth first search algorithm to calculate a knight's shortest path to a user-defined destination
- Used React Components to visually represent possible move calculation
- Technologies Used: React, CSS, Material-UI

EXTRACURRICULARS

SBU Handball

Team Member/Head of Public Relations

Apr, 2018 – Dec, 2020

- Competed in the Annual National Collegiate Handball Tournament
- Publicized, organized, and managed events as well as recruited several new members