Rhys Lee

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ   September 2019 – May 2023

Bachelor of Engineering in Computer Engineering, Minor in Computer Science, Graduated with High Honors

Dean's List (September 2019 – May 2023)   GPA: 3.79

RELEVANT COURSEWORK

Algorithms	Image Processing and Coding	Computer and Multimedia Network Security
Data Structures	Engineering Programming: Java	Engineering Programming: Python
Operating Systems	Digital System Design	Database Management

PROJECTS

BUBBL Task Management
- Led a team in innovating a robust Task Management application utilizing Java in Android Studio, creating an intuitive and efficient tool for optimized task organization and productivity enhancement.
- Leveraged the power of the Google Maps Platform API to integrate location-based functionality into the Task Management app, enabling accurate distance calculation and efficient task assignment based on proximity.

Java Checkers
- Spearheaded a collaborative effort to build Checkers in Java, leveraging Object-oriented programming expertise; integrated advanced graphics using AWT and Swing libraries, enhancing visual aesthetics and user engagement.

Famous Quotes REST API
- Designed and implemented a RESTful API using Java Spring Boot, that allowed users to retrieve a daily famous quote.
- Looking to enhance the project by implementing functionality to select specific authors and genres for quote generation.

MyMovieList
- Engineered a user-friendly Python program that enabled users to search and rate movies, access and evaluate each other's ratings, and seamlessly search through the IMDB database using a REST API for comprehensive movie information and ratings.

WORK EXPERIENCE

EnQubes | Lawrenceville, NJ

Information Technology Business Analyst
- Engineered the development and deployment of a Sticky Note tool with Visual Basic, MS SQL Server, and JIRA's REST API, streamlining note creation and tracking within our project framework; automated JIRA ticket generation for transparent progress reporting.
- Engineered a user-friendly interface using Excel that optimizes workflow, allowing both internal teams and clients to concentrate more on core tasks and less on project management overhead.
- Developed an ElectronJS application that maps product Supply Chain routes and displays data about the product and its routes.

EnQubes | Lawrenceville, NJ

Data Analyst Intern
- Partnered with business Subject Matter Experts (SMEs) to write and execute SQL queries facilitating seamless data migration from legacy systems to modern platforms, ensuring smooth transition and data integrity.
- Utilized Excel and Visual Basic to develop a concise front-end design, that presented comprehensive status indicators for successful and failed mass task uploads to JIRA.

EXTRACURRICULAR ACTIVITIES

Steven's Entertainment Committee | Hoboken, NJ   September 2019 – May 2023

General Body Member
- Worked with a team to organize campus-wide events.
- Formulated ideas and cooperated with peers to plan events.
- Provided quality service while aiding and supporting students.

SKILLS

- Object-Oriented Programming: Java, C++, Python, Visual Basic, JavaScript.
- Application Development: Android Studio, React-Native.
- REST API Design and Consumption: Java Spring Boot, ExpressJS.
- Web Design: HTML, CSS, JavaScript