Dylan Farrell

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EDUCATION

Rutgers University   New Brunswick, NJ
Bachelor of Science in Computer Science   *Sep. 2020 - May 2024*
- GPA: 3.0/4.0
- Relevant Coursework: Algorithms, Computer Architecture, Intro To Data Science, Software Methodology

EXPERIENCE

Software Engineer Intern   June 2022 – Present
GiGil Technologies   *North Brunswick, NJ*
- Developed software for Johnson and Johnson with a team to help manage temperatures in manufacturing plants
- Explored ways to use temperature probes as temperature sensors
- Participated in international assignment to Leeds, England for development

Concessionist   Sep. 2019 - May 2022
Regal   *North Brunswick, NJ*
- Operated cash register and handled and handled financial transactions
- Provided customer service by assisting customers in their activities

PROJECTS

Chess AI Engine | *Python, Pygame, Github*   February 2023 – Present
- Developed a fully functioning chess engine
- Implemented Minimax and Negamax algorithms with alpha-beta pruning for efficiency

Customer Management App | *Python, Github, Django, AWS*   July 2023 – Present
- Developed a customer management application using Python, Django, and AWS, enabling efficient organization and access to customer data.
- Implemented the application's deployment on Heroku, facilitating transaction tracking and customer relationship management.
- Utilized AWS buckets for robust and scalable storage of data and static files.

Photos App | *Java, JavaFX, Android Studio, Bitbucket*   December 2023 – Present
- Created photo application in Java using JavaFX and ported to Android
- Designed user interfaces in FXML
- Implemented photo management features such as tagging, date tracking, and location tracking.
- Maintained code and documentation in Bitbucket

TECHNICAL SKILLS

Languages: Java, Python, C, Javascript, HTML, JSON
Frameworks: React, Node.js, Django, JUnit
Developer Tools: Git, AWS, Google Cloud Platform, Visual Studio, IntelliJ, Eclipse
Libraries: Pandas, NumPy, Matplotlib, Pygame