Chase Clements

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EDUCATION

University of California, Berkeley, Berkeley, CA   Expected December 2022
Bachelor of Science in Electrical Engineering and Computer Science   GPA: 3.80
Relevant Coursework: Algorithms, Computer Security, Structure and Interpretation of Computer Programs, Data structures, Machine Structures, Discrete Mathematics and Probability Theory

SKILLS

Languages: Python, Java, C, C++, Javascript, SQL, Scheme
Tools: Git, Postman, Jira, Spring, React, Maven, IntelliJ

WORK EXPERIENCE

Intuit, Software Engineer Intern   May 2021 – Aug 2021
- Developed a REST API for an internal refund tool with Spring Boot and Java
- Designed the front end of the refund tool with Javascript and React
- Implemented logging for the tool with Slf4J
- Worked in an Agile environment with daily Scrum meetings

Viviendas León, Data Science Consultant   Feb 2021 – May 2021
- Carried out an EDA on Viviendas León's data for their local farm initiatives in Central America
- Created a classifier that determines what crops are best for a farmer given their region

Nehemiah Gateway USA, Data Science Consultant   Sep 2020 – Dec 2020
- Performed an exploratory data analysis on Nehemiah Gateway USA's Facebook account
- Determined the optimal weekdays and times for the account to post based on the EDA and showcased these insights on charts made using Seaborn
- Created an A/B testing tutorial to help Nehemiah Gateway USA with their email newsletter

PROJECTS

Gitlet   Feb 2021 – Mar 2021
- Developed a mini version control system that mimics the functionality of Git in Java
- Supports the init, add, commit, rm, log, global-log, status, checkout, branch, rm-branch, reset, merge, add-remote, rm-remote, push, fetch, and pull commands

Tetris   Dec 2020 – Jan 2021
- Developed Tetris in Python using Pygame
- Implemented the shifting feature for the tetrominoes using the rotation matrix
- Utilized Python's built in set data structure to create the barriers in the game

EXTRA CURRICULARS

Computer Science Mentors, CS 61A Mentor   Feb 2021 – May 2021
- Taught worksheets on CS 61A material to a section of a handful of students every week
- Made slideshow presentations to teach mini lectures on the topics
- Showed students empathy when they were upset or worried about their scores on the midterms