Neil Tengbumroong

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Summary

- Aspiring full-stack software engineer experienced with web development, git version control, test-driven development, continuous integration, and automated testing
- Solid foundation in object-oriented programming in Java, experience with web development in HTML/CSS/JavaScript, and knowledge of full stack technologies such as React/Node/Express
- NCAA student-athlete who has strong leadership and cooperation skills, is very experienced with teamwork and time management, and performs well in both group and leadership roles

Education

University of California - San Diego   **La Jolla, California**
B.S. Computer Science **(3.43 GPA)**   Graduating June 2021
Relevant Coursework: Advanced Data Structures • Theory of Computation • Discrete Mathematics
Artificial Intelligence: Search and Reasoning • Database System Principles • Software Engineering
Extracurriculars: NCAA Division 1 Tennis Team (co-captain) • Triton Athletic Council Representative
Awards: ITA Scholar Athlete (2018, 2019) • Team Rookie of the Year (2018)

Employment History

UC San Diego, Department of Computer Science and Engineering   **La Jolla, California**
Tutor   Sept 2019 - Dec 2019
- Attended lectures and assisted students with questions as professor taught
- Held lab hours and review sessions to help students with assignments and tests
- Proctored and graded exams, along with miscellaneous duties as assigned by professor

Projects   **Portfolio: neiltengbumroong.github.io**

Bromies (Web Application)   **bromies.herokuapp.com**
- Implemented and deployed a full-stack, fully functional twitter-style clone using the MERN development stack
- Incorporated features such as posting brotes (tweets), likes, infinite scrolling, and a statistics tab, all built with React to ensure fast loading and to eliminate unnecessary rendering
- Created API to fetch and post data, such as brotes and likes, seamlessly between the front-end page, back-end server, and MongoDB database
- Utilized: React, Node.js, Express, MongoDB

Hocus Focus (Chrome Extension)   **Chrome Web Store**
- Created a study aid application designed to increase productivity while remaining unobtrusive
- Implemented features such as a clean popup user interface, a working timer that stores data across multiple browsers, a blacklist of websites that the user is blocked from while activated, and an interactive TODO list to record and mark tasks as completed
- Utilized: HTML, CSS, Javascript, Google Chrome's storage/retrieval API

2048 (Console Game)
- Implemented a fully functional variation of the popular puzzle game 2048 with a team of one other
- Features include all basic game mechanics and colors identical to the original version, with added functionality that allows the user to specify the game board dimensions
- Utilized: Java, Java's GUI

Skills

Languages: Java • Python • JavaScript (React.js, Express.js, Node.js) • C++
Tools/Technologies: HTML • CSS • Bootstrap • SQL (SQLite, MySQL) • NoSQL (MongoDB, DynamoDB)
Google Firebase • Docker • JUnit • Maven • Vim • Git/Github • Rest API