

Neil Tengbumroong

3902 La Jolla Village Dr
La Jolla, California 92037

(626)-347-9866
ntengbum@ucsd.edu

Education

University of California - San Diego

B.S. Computer Science **3.50 (3.55 Major) GPA**

La Jolla, California

Graduating Dec 2021

Relevant Coursework: Software Engineering • Web Client Languages • Database System Principles

Advanced Data Structures • Design and Analysis of Algorithms • Theory of Computation • AI: Search and Reasoning

Extracurriculars: NCAA Division 1 Tennis Team **Captain** • Triton Athletic Council Representative

Awards: ITA Scholar-Athlete (2018, 2019) • Team Rookie of the Year (2018) • Provost Honors (2018, 2019, 2020)

Employment History

Software Engineering Intern (remote)

Palm Beach, Florida

Concussions, Pain, and Mental Health Awareness (cpmha.com)

June 2020 - present

- Designed, implemented and tested an administrative system for managing tasks, announcements, and work hours for **all 20+ interns and teams**, greatly increasing overall communication, productivity and organization
- Utilized React with an Express + Node.js backend along with MongoDB to deliver an easy-to-use user interface, dynamic data retrieval and updates, and password-protected managerial controls for senior level members
- Presented bugs, estimates, and high-level descriptions of progress to board members during weekly meetings

Tutor/Teaching Assistant

La Jolla, California

UC San Diego, Department of Computer Science and Engineering (cse.ucsd.edu)

Sept 2019 - Dec 2019

- Attended lectures and assisted students with questions as professor taught, as well as grading homework/exams
- Held lab hours and review sessions to help students with assignments and tests, both online and in-person
- Participated in weekly meetings with professor and staff to discuss learning needs of students and adjustments

Projects

Portfolio: neiltengbumroong.com

Fortnite Plus (Game Analytics and Stat Tracker)

fortnite-plus.herokuapp.com

- An app designed to visualize all things Fortnite, including global player statistics lookup, current and upcoming shop displays, battle pass info, etc. - visited by over **100+ unique users** with **steady daily page views**
- Incorporated REST API principles and API keys to fetch and display Fortnite API data between server and client
- Utilized: React, Node.js, Express, Reach Router, Heroku

Triton Exchange (Student-Oriented Ebay Clone)

triton-exchange.netlify.app

- A web app designed to facilitate safe meetups and transactions of goods and services among UCSD students
- Personally specialized in efficient CRUD operations between DynamoDB database among team of 10 students
- Features comments and favorites, item filtering by tags and searches, two-factor authentication, user reporting
- Utilized: React, Node.js, TypeScript, Firebase, DynamoDB, Netlify

Bromies (Anonymous Online Message Board)

bromies.herokuapp.com

- Incorporated features such as posting brotes (tweets), likes, infinite scrolling, and a statistics tab
- Created API routes to fetch and post aggregated data - posted on and used by nearly **80 friends and users**
- Utilized: React, Node.js, Express, MongoDB, Mongoose

Hocus Focus (Study Aid Chrome Extension)

[Chrome Web Store](#)

- Created with two of my best friends and submitted for grading as part of the 2019 SD Hacks Hackathon
- Features include a study timer, website blacklist, and a todo list - all cached in Chrome's persistent local storage
- Utilized: HTML, CSS, JavaScript, Chrome local storage

Skills

Proficient: Java • Python • JavaScript (React, Node.js) • HTML • CSS • Bootstrap • NoSQL (MongoDB, DynamoDB)

Familiar: C/C++ • Ruby • TypeScript • AWS (Amazon Web Services) • SQL (SQLite, MySQL) • Docker • Rest API

Google Firebase • JUnit • Jira • Git • NPM • Maven