SANJANA SREENATH

🔗 san1j.github.io
✉ sanjanasreenath96@gmail.com
in linkedin.com/in/sanjanasreenath
○ github.com/san1j

PROJECTS

MovieTracker – **JavaScript** | HTML | CSS – Web Application   ○ san1j/movietracker
- Deployed a web app to Heroku for tracking, logging and reviewing movies
- Used the TMDb API to pull movie data
- Used **MongoDB** to persist user data
- Wrote tests with **Mocha** and **Chai** to ensure the routers functioned correctly
- Developed a RESTful API to allow users to add, update and delete movies/reviews
- Built with **Node.js**, **Express.js**, **Bootstrap**, **Passport** for authentication, and **EJS** for templating

Open Mindfulness – **Android** – Mobile Application   ○ san1j/OpenMindfulness
- Deployed an app to Google Play that helps visualize and track fluctuations in emotions to increase mindfulness and positive thinking
- Used GraphView and MPAndroidChart libraries to visualize and plot real time data
- Used the Room Persistence Library to persist user data to an **SQLite** database
- Optimized user experience by adding alternative UI layouts to support various screen sizes/configurations

PoetHub – **Java** | HTML | CSS – Web Application   ○ san1j/springboot_poethub
- Deployed a **Spring MVC** web app to Heroku that is dedicated to sharing poetry
- Integrated Google Oauth 2.0 API for easier login/logout in addition to setting up a username/password authentication flow
- Used an in memory **H2 database** to persist user data
- Built with **Spring Security**, **Spring Data JPA**, **SpringBoot**, Bootstrap, and **Thymeleaf** for templating

EDUCATION

The University of Tennessee B.S., Biochemistry, B.A., Neuroscience | GPA 3.86/4.00

HONORS/AWARDS

     Dean's list- all semesters
     Recipient of the College of Arts and Sciences Edward Hawkins Scholarship
     Phi Eta Sigma National Honor Society Inductee

VOLUNTEER AND WORK EXPERIENCE

Science and Math tutor | Pellissippi State Community College
     Tutored students in Calculus, Chemistry, Microbiology and Cellular Biology
Research Assistant | BCMB Lab (Plant physiology), Infant Action Perception Lab (Psychology)
     Developed assays for determining sink to source transition in plants
     Transcribed speech using Datavyu software
Volunteer- Front Desk Assistant | Free Medical Clinic of America
     Helped schedule appointments, organize files and maintain records

ADDITIONAL SKILLS/TOOLS

     Git, npm, Eclipse, Spring Tool Suite, Android Studio, P5.js, Processing