

JOHNNY DENG

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TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, SQL, Shell Script, HTML, CSS

Frameworks and Tools: Express.js, React.js, PostgreSQL, SpringBoot, Flask, Git/GitHub, Bootstrap, Tailwind, Jinja2

Cloud & Deployment: DigitalOcean (Droplet), Render, Docker

PROJECTS

Goober | StormHacks2 2024

Oct. 2024

React, Express, PostgreSQL

([Github.com/JohnnyDeng6/goober](https://github.com/JohnnyDeng6/goober))

- Developed **Goober**, a hangout web app, using **Express.js** and **React.js** featuring an automatic invitation system to create a seamless and spontaneous event experience for users
- Led a team of 4 by creating **user stories**, assigning GitHub issues, and managing the overall development process, ensuring efficient collaboration and task distribution
- Designed and implemented a **PostgreSQL database** with **relational tables** for efficient event management
- Integrated **OpenAI API** to intelligently match event hosts with attendees by evaluating profile compatibility
- Contributed as a full-stack developer by building **RESTful API** endpoints for event creation, invitations, while also designing intuitive **frontend interfaces** for managing user profiles and event scheduling

ExamHarmony | Client Project

Jun. 2024 - Aug. 2024

Java, JavaScript, Thymeleaf, SpringBoot, PostgreSQL

<https://examharmony.jzydeng.com>

- Led a team of 5 to develop **ExamHarmony**, a full-stack web application providing a complete exam scheduling ecosystem for administrators, instructors, and invigilators, using **Agile principles** across 3 iterations.
- Developed automated tests using **JUnit**, enhancing software quality through effective feature integration validation.
- Managed the full **version control** process with Git, handling pull requests and leading code reviews, as well as managing user stories and task assignments
- Integrated **Google Calendar API** and **Gmail SMTP** to automate notifications and send secure password reset links, enhancing user experience and communication

Droppr | MountainHacks 2024

Mar. 2024

React, JavaScript, Go

<https://droppr.ca>

- Created a peer-to-peer file transfer web app that placed **2nd in a Hackathon** as a **team of 4 developers**
- Collaborated with backend developers to integrate frontend interfaces with server-side logic, ensuring efficient data transfer and real-time updates
- Built and optimized **responsive React interfaces**, focusing on cross-browser compatibility and performance optimization to deliver a consistent user experience across diverse devices

EXPERIENCE

Old Navy Brand Associate

July 2021 – Apr. 2022

Part-time Associate

Vancouver, BC

- Provided great customer service by assisting customers with their shopping needs, answering questions, and providing product recommendations
- Recognized by management** for great performance and teamwork, contributing to a positive work environment

ACHIEVEMENTS

Beedie Luminary Scholarship | \$44,000 for undergraduate studies

- Awarded for outstanding academic performance and extensive volunteer work, all while facing significant financial adversity

EDUCATION

Simon Fraser University

Burnaby, BC

Bachelor of Applied Science in Computer Science

Sept. 2022 – Present

- Dean's Honor Roll** | Achieved a GPA average of at least 3.67 in Fall 2023