

# Danny Donghyun Suh

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## EDUCATION

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### University of Toronto - St. George

Candidate, Honour Bachelor of Science

Expected, June 2024

Toronto, ON

- Major in Mathematics & Minor in Computer Science

## TECHNICAL SKILLS

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**Languages:** JavaScript/TypeScript, HTML/CSS, Python, Java, R

**Technologies:** React, Next.js, Node.js, Express.js, Tailwind, MongoDB, MySQL, Firebase, Flutter

**Others:** API design, relational databases, version control, unit & integration testing, technical documentation

## WORK EXPERIENCE

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### Full Stack Developer Intern

Sep 2022 – Present

The Regulatory and Affective Dynamics Lab

Toronto, ON

- Developed a student mental wellness app utilizing React, Redux and Firebase, allowing users to report their daily mood scores and complete wellness assessments
- Enhanced user experience by re-implementing React components (home page, sign-in/sign-up page) with improved design and input validation
- Created a dynamic user dashboard using Chart.js and Firebase Firestore functions, displaying past 7 days of mood scores and percentile distribution compared to peers
- Utilized OpenAI's ChatGPT API to develop a customized chatbot, enabling students to ask questions related to the platform and receive tailored feedback

### Full Stack Developer Intern

Sep 2022 – Apr 2023

Centivizer

Toronto, ON

- Developed a web-based game called 2RaceWithMe for assessing and improving elderly's cognitive functions using JavaScript
- Improved the customer experience of the platform by implementing new leaderboard and user profile dashboards for patrons using HTML/CSS
- Created visual REST API documentation using Swagger UI and automated testing API endpoints using Postman

### Data Analyst Intern

May 2022 - Aug 2022

OPS - Ministry of Economic Development, Job Creation and Trade

Toronto, ON

- Improved the eCRM database to include updated corporate information by automatically scraping 1,000+ companies' profiles using Python with selenium library
- Reduced project timeline up to 2 weeks by implementing an automated data cleansing pipeline that identifies corrupt and inaccurate data using Python with pandas library
- Created multiple Power BI dashboards that includes an analysis of growth indicators of small to medium sized companies across Ontario

## LEADERSHIP EXPERIENCE

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### Workshop Director

Sep 2022 - Present

Google Developer Student Clubs - UTSG

Toronto, ON

- Led a team of 3 developers to host monthly workshops related technologies in web development and data science
- Created booking, slide deck and materials for the workshop and taught developer skills such as HTML/CSS, JavaScript, and Python
- Participated in training 5 outreach associates and collaborated with the marketing team to increase workshop participation by 20%