JOSHUA DICKINSON

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joshuu.dev

EDUCATION

Bachelor of Science, Computer Science   *Expected May 2025*

College of Science & Engineering, **University of Minnesota** - Twin Cities

GPA: **3.96 / 4.00**

Coursework includes: Data Structures, Algorithms, Machine Organization, User Experience

SKILLS

Python, Java, C, JavaScript, React, Next.js, Firebase, GraphQL, Git, OCaml, x84-64 Assembly

WORK EXPERIENCE

Lead Expo, Steele & Hops Kitchen/Bar   *Summer 2021-Present*

- Promoted to Lead Expo after exhibiting proficiency in **leadership** and **communication**
- Orchestrating kitchen team in a high stress environment while rectifying conflicts
- Employing a detail-oriented focus to ensure a quality product for over 300 guests per night

PROJECTS

TransitPal, HACKUIOWA '23   *Fall 2023*

- Developed web app with **Next.js** and **Firebase** to motivate use of public transportation
- Displayed environmental impact, financial savings from inputted user transit usage
- Parsed transit information fetched from **Google Maps API**

Hall Plotter, UMN Social Coding   *Spring 2023*

- Implemented class schedule campus mapping for GopherGradesV2 **Chrome extension**
- Created with a teammate by utilizing the Schedule Builder API and **JavaScript**
- **Data visualization** of class information eases registration process for **thousands** of students

SodiumTrack, Independent Work   *Fall 2021*

- Developed an application with **Python** and **SQLite** for tracking nutritional value of foods
- Implemented functionality of user accounts, consumption history, and **recommendations**

ACTIVITIES

Member, Design U   *Fall 2023-Present*

Member, University Honors Program   *Fall 2022-Present*

Member, Social Coding Club   *Fall 2022-Present*