

# GANNON SMITH

GannonSmithR@gmail.com | (906) 322-6919 | Ann Arbor, MI | [linkedin/gannonsmith](https://www.linkedin.com/in/gannonsmith)

## OBJECTIVE

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Extremely driven, adept, and industrious student majoring in Computer Science Engineering with a strong background in software development. Seeking opportunities as an intern to enhance skills and capabilities.

## EDUCATION

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**University of Michigan - College of Engineering - Ann Arbor, MI**

*August 2021 – May 2024 (Expected)*

*Bachelor of Science, Engineering in Computer Science Engineering | GPA: 3.55*

*Honors:*

Dean's List; Fall 2021- Present

*Relevant Coursework:*

Programming and Introductory Data Structures, Self-Driving Cars, Drones, and Beyond: An Intro to Autonomous Electronic Systems, Discrete Mathematics, Data Structures and Algorithms, Introduction to Electronic Circuits

## WORK EXPERIENCE

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**Michigan Medicine - 3D & Innovations Lab**

**Ann Arbor, MI**

*Software Engineering Technician*

*June 2022 - Present*

- Automated Faculty Evaluation: independently developed the full stack for an application used by Michigan Medicine faculty to evaluate instructors based on data from thousands of check-out forms using Rust and Javascript to pull data, obtain all relevant data, and construct a report which can be downloaded and circulated by the user
- Automated Continuous Milestone Assessment: project using machine learning to predict performance of residents based on past data
- Developed applications used by Michigan Medicine faculty to track and analyze large amounts of data
- Collaborated with doctors and professional staff to discuss project details and potential improvements to current systems
- Partnered with biomedical engineering students to produce teaching tools and simulations used by the Michigan Medicine Clinical Simulation Center

## PROJECT EXPERIENCE

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**Bubble** *(In Progress)*

*May 2022*

- Open source project developing an end-to-end encrypted app allowing users to create groups, send messages, and track others' real time locations using a React Native frontend, a Rust backend, and a Postgres Database
- Collaborated on the Rust backend of the app, developing the routes and models from scratch
- Independently developed the user authentication process

## SKILLS

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- Languages: C/C++, Rust, Python, JavaScript, MATLAB, SQL, HTML
- Technologies: CAD, Github, Postgres
- Other Skills: Breadboard Circuits, Soldering

## EXTRACURRICULARS

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**VictorCrypto**

*Vice President & Founder*

- Envisioned mission and structure to facilitate the growth of the club, recruited core members
- Orchestrated discussions about the world of cryptography and its applications in modern society
- Organized simulations and demonstrated the applications of cryptography