ANNA SHEN

Software Engineer, Designer

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EDUCATION

Purdue University   **Graduated May 2023**
  B.S. Computer Engineering w/ a Certificate in Entrepreneurship.   GPA: 3.0

SKILLS + MORE

- Software: C, C#, Java, Python, SQL, Verilog, Assembly, MATLAB, JavaScript, HTML, CSS (Bootstrap + Tailwind), Power BI, Swift, Go
- Graphic Design: Procreate, Autodesk Sketchbook, Blender

WORK EXPERIENCE & PROGRAMS

Undergraduate Technical Intern (Frontend SWE)   **Summer 2022**

Cisco Systems - Chicago, IL

- Implemented UI changes with Angular on highly used web modules, collaborating with the UX team
- Led intern team to create 3 critique documents, with detailed descriptions of bugs and UX feedback
- Directed intern-to-intern communication, leading them in presentation work and collaboration
- Detailed my successful espresso machine networking strategy in a We are Cisco blog post

Software Development/IT Intern   **Summers 2020 - 2021**

Nucor Steel Indiana - Crawfordsville, IN

- Built 5 internal, safety focused web modules, utilizing a C# + SQL backend, e.g.: a live list of onsite first responders for ~750 users, enabling a technologically illiterate user base to access data easily
- Created 5 Power BI Dashboards, & demoed to multiple execs, inspiring usage across the corporation
- Re-engineered Lotus Notes/SharePoint 2013 applications for safety and financial data, halving access time & presenting data in new ways. Helped to kill legacy systems, and streamline analog processes
- Lead summer-long intern forum for presentation practice and project collaboration

Purdue SIGAI/ML@Purdue President & Officer   **Jan 2021 - Present**

- Laid the groundwork to restructure the club, which is now ML@Purdue
- Boosted project member retention rates by 200%, with 8 active projects teams
- Created a more unified culture by hosting workshops, open labs, challenges, and hackathons

PROJECTS

VR HockeyShot (Unity, C#)   **2021**

- VR Hockey Experience, 3rd place winner + overall finalist @ the AT&T 5G Sports Hackathon

Mechanical Keyboard Design (C, PCB Soldering)   **2022 - 2023**

- Prototyped a keyboard with an accompanying screen, using a two microcontroller system for communication with PC and each other. Leader of the 4 member team ECE 477 Senior Design

Clos.it (C#, ASP.NET, CockroachDB, CSS)   **Jan 2023**

- Built an barcode based digital closet system, BoilerMake X project.

AiOAlarm (Swift)   **Dec 2023 - Present**

- Improving on alarm iOS apps to create my ideal alarm clock for heavy sleepers and slow risers.