

Spencer Chubb

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School Address

5500 Wabash Ave, Box 1584
Terre Haute, IN, 47803

Home Address

2910 Spangle Rd
Bloomington, IL, 61705

Objective: Computer Science student looking for summer internship

Education: **Bachelor of Science** **May 2024**

Rose-Hulman Institute of Technology, Terre Haute, IN
3.79 GPA

Related Courses:

- Intro to Web Programming (Javascript, Node, HTML, CSS)
- Data Structures and Algorithm Analysis (Java)
- Object Oriented Software Development (Java)
- Computer Architecture I (Verilog, MIPS)
- Intro to Computer Systems (C programming)
- Intro to Digital Systems (Verilog, FPGA)

Skills: Web software: Javascript, Typescript, React, Google Cloud, AWS
Non-web software: Java, Python, C#, SQL, Git

Experience: Software Intern at State Farm Jun 2021 - Present

- Prototyped an MVP using agile methodology
- Evaluated different tools and educated the team on which tool was the best fit for our use case
- Integrated several tools: React, AWS Lambda, DynamoDB, Docker
- Listened to the needs of the users (the product is intended for use internally in the organization)

Processor Fall term 2021

- Designed a computer processor from scratch as part of the course 'Computer Architecture I'
- Invented an Instruction Set Architecture to accompany the processor
- Implemented the components and unit tests in Verilog
- Tested every unit as well as the end-to-end product
- Benchmarked the performance and experimented with different changes, yielding a 6% speed improvement
- Documented the Instruction Set and the team's collaboration process

Teaching Assistant for Computer Science Spring term & Fall term 2021

- Assisted for two terms in the Computer Science department

Hespr Mar 2020 - Dec 2020

- Cofounded a mental health mobile app with my peers
- Led the development team (Flutter and Firebase)