

# Emily Vera

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## EDUCATION:

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### University of Illinois at Urbana-Champaign

Aug 2018 - May 2022

B.S Computer Science | Technology and Management Minor

GPA: 3.92/4.00

- *Courses:* Data Structures | Systems Programming | Computer Architecture  
Discrete Structures | Databases | Compilers | Web Programming
- *Skills:* Java | Python | JavaScript | SQL | Flutter | React | GCP | Flask | Mockito | Git

## EXPERIENCE

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### Google | Software Engineering Intern

May 2021 – Aug 2021

- Implemented card sharing feature in Dart using Flutter for Google Ads Mobile App
- Boosted app's user engagement and overall user base
- Composed technical design proposal utilizing user research

### Synchrony | Emerging Technology Intern

Jan 2021 – April 2021

- Designed prototype Microsoft Teams web widget that simulates in-person, co-worker experiences
- Compiled company-wide room and desk data in Python to be used in return-to-office software

### Google | STEP Intern

May 2020 – Aug 2020

- Deployed GCP mobile web app to facilitate the storage and search of receipts
- Designed responsive interface using HTML, Bootstrap CSS, and JavaScript allowing users to search receipts by category, date, store, and price

### John Deere | Software Engineering Intern

May 2019 – May 2020

- Developed Android application to stream and display mower data in real time

## PROJECTS

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### WineSmart | Project Manager & Front-end Developer

Jan 2021 – May 2021

- Launched React web app to make personalized, wine recommendations from user input
- Utilized Bootstrap and open-source libraries to design home, quiz, and results page UIs

### COVID Vaccine Tracker | Full Stack Developer

Jan 2021 – May 2021

- Built Flask web app to display COVID vaccine progress and safety rating by state
- Created SQL database to query and display state data using Google Maps and Geolocation APIs

## LEADERSHIP and ORGANIZATIONS

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### Hoeft Technology & Management Program | DEI Chair & Web Coordinator

July 2020 – Present

- Lead first-ever DEI committee and facilitate DEI discussions with university offices
- Formed Women in Engineering and Business resource group

### Girls Who Code | Facilitator

Jan 2020 – Present

- Oversee groups of 5<sup>th</sup> grade girls in semester-long game development project
- Plan and assist with the completion of interactive cooking game in Scratch

### College of Engineering | CS 210 Course Assistant

Aug 2020 – Dec 2020

- Graded and provided feedback on weekly, class writing assignments
- Evolved course by brainstorming future assignment prompts

## AWARDS and HONORS

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### President's Scholarship | Winner

Fall 2018 – Present

- \$10,000 renewable award given to ~100 undergraduates

### Dean's List | Honoree

Fall 2018 – Present

- Top 20% in College of Engineering all 6 semesters

### Google Grace Hopper Celebration Scholarship | Winner

Sept 2020

- \$500 registration scholarship to attend 2020 Grace Hopper Celebration