

Ben Mitchinson

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Education

The University of Iowa

- Senior year student pursuing a B.S. in Computer Science and Engineering
 - Coursework: Data Structures, Algorithms, IoT (**Python**), Software Design (**Java**), Software Engineering Languages and Tools (**Ruby**)

Graduating: May 2020
Iowa City, Iowa

Work Experience

Hy-Vee (Software Engineer – Web and Mobile)

- Launched “Asiles Online Mobile” with **React Native** and other open source tooling
- Simultaneously developed a **REST API** with added **GraphQL** using **HapiJS**
- Designed, created, and implemented UI/UX components using **Sketch**
- Generated \$86k in sales and supported over 3k users within the opening two weeks

May – Aug. 2019
Grimes, Iowa

Innovative Software Engineering (Front End Developer)

- Worked in an **Agile** environment to create a SPA for FedEx using **React**
- Hosted and lectured at a free summer coding camp for local students

May 2018 – Dec. 2018
Coralville, Iowa

University of Iowa (Resident Assistant)

- Planned events for 100s of students on topics of inclusivity and diversity

Aug. 2017 – Current
Iowa City, Iowa

Volunteerism / Student Orgs

Computer Comfort (President, Co-Founder, and Volunteer)

- Personally trained 60 volunteers studying over 40 fields of work
- Managed over 200 students to help coordinate over 300 hours of community service with the mission of teaching older adults how to safely utilize technology

Aug. 2016 – Current
Iowa City, Iowa

Hack Iowa (Mentorship Chair)

- Trained 12 mentors and mentored 5 students in their self-selected focus areas
- Presented lectures to members on topics including, **AWS**, **React**, **Git**, and more

Aug. 2016 – May 2019
Iowa City, Iowa

Project Experience

Hack-A-Thon Projects

- Developed and certified 2 **Alexa Skills** into the marketplace using **AWS**
 - “Bongo” won **1st Place** – Used to track live campus busing information
- Built a **VR** secondary display monitor with **AR Core on Android** and **Unity 3D**
- Developed “Playground News” an award-winning web app using **Django** + **React**

Jan. 2017 - Current
Colombia, Missouri
Iowa City, Iowa
Des Moines, Iowa
Ames, Iowa

Personal Projects

- Developing a **PWA** template with **Typescript** and **Preact** for sharing music
- Created a dashboard for visualizing and performing analytics on transportation data using **React**, **ExpressJS**, **Firebase**, and **Python**.
- Developed a **Raspberry Pi** cloud photo frame using the **Gmail API** and **Python**

Sep. 2015 - Current
Iowa City, Iowa