

Alex van de Sandt

Software Engineer

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📍 Indiana, USA

TECHNICAL SKILLS & LANGUAGES

Rust (Advanced)

C (Advanced)

React & Node.js (Intermediate)

Java (Intermediate)

Python (Intermediate)

Linux/Unix Systems & Tools

Git

Amazon Web Services

Docker

WORK EXPERIENCE

Honeywell, Atlanta, GA

(May - August 2019)

Software Engineering Intern

- Gained full-stack experience working on GoDirect Flight Services
- Improved upon microservices for weather reporting and airport data
- Used React to build out UI for a map control menu in the user-facing webapp
- Collaborated with experienced developers and fellow interns in an Agile team

Clear Software, Zionsville, IN

(May - August 2017)

Software Engineering Intern

- Worked directly with clients to determine requirements for product customization
- Configured software to client requirements using Django templates
- Integrated product with existing enterprise software using Python
- Learned Python, Django, and Agile

EDUCATION

Purdue University

(Fall 2016 - Spring 2020)

BS, Computer Science

- Specialized in Systems Programming and Programming Languages
- Took classes covering Compilers (CS 352), Databases (CS 448), Programming Languages (CS 456), and Cloud Computing (CS 490)

TEAMS & EXTRACURRICULARS

Purdue Formula SAE, Electronics Team Member

Fall 2018 - Spring 2019

- Developed tools in Rust to interact with CAN bus over wireless network
- Assisted in construction of wiring harness for 2019 car

ACM Purdue SIGBots, Software Team Leader

Spring 2017 - Spring 2018

- Led team of peers to design & implement control software for competition robot
- Developer, Purdue Robotics Operating System 3.0

Purdue Cycling Club

Fall 2019 - Spring 2020

Purdue Symphony Orchestra, Violin

Fall 2016 - Spring 2019