Justin Schmitz
Computer Science

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Education

Aug. 2018 –
Jul. 2021

GPA: 4.0/4.0

B.S. Computer Science, *Illinois Institute of Technology*, Chicago, IL.
- Object Oriented Programming (Java)
- Systems Programming (Linux & C)
- Introduction to Algorithms (theory-based)
- Operating Systems (Linux & C) (Fall 2020)
- Computer Organization
  & Assembly Language Programming (MIPS)
- Technical Communication (Fall 2020)
- Graph Theory (theory-based)

Work Experience

Jul. 2020 –
Aug. 2020

J.P. Morgan Chase & Co., *Software Engineer Intern*, Chicago, IL.
- Developed custom-built solution for local nonprofit to solve disruptions caused by COVID-19
- Led development of back end stack, using new technologies for an optimal result
- Architected program database using proper database design practice
- **Technologies: Python (FastAPI), Postgres, JS, HTML, CSS**

May 2019 –
Jul. 2020

UpRight Law, *Software Development Intern*, Chicago, IL.
- Led project to automate payments, developing automated algorithm saving 30-35 hours/week
- Built front end interface for partner payment dashboard, ensuring longevity
- Created utilities for interfacing with Google APIs, including configuration of email signatures
- **Technologies: Python (Flask, gspread), Google APIs**

Aug. 2018 –
Mar. 2019

Bertram Internet, *Technical Support Specialist*, Random Lake, WI.
- Provided customer-level support for WISP, acting in technical support, sales, and billing
- Used knowledge of networking and wireless networks to provide support for PMP systems
- Wrote firm knowledge base, providing a deep level of information in an easy-to-use system
- **Technologies: PMP Systems, Computer Networking, WordPress**

Skills

advanced   Python | Python REST APIs (FastAPI, Flask) | SQL (Postgres)
experienced TypeScript/JavaScript (React) | C/C++ | Java | Linux | Windows

Leadership & Personal Experience

Aug. 2018 –
Present

Active Member, *Phi Kappa Sigma Fraternity*, Chicago, IL.
- Led project for purchasing espresso machine for fraternity house
- Developed an automated meal cleanup scheduling system, saving officers 1-2 hr/week
- Chaired a committee of 8 members in a project to convert TV room into a weight room