

Adam Urish

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Education:

University of Illinois at Urbana-Champaign
Bachelor of Science in Computer Engineering
GPA: 3.96

May 2023 (Projected)

St. Louis Priory School
High School Diploma, Cum Laude
GPA: 4.4/4.0

May 2019

Experience:

Software Development Intern at Radialogica

June 2021–August 2021

- Designed and implemented ASP .NET Web Application for accessing DICOM medical data
- Deployed web server to AWS EC2 instance linked to AWS RDS MySQL DBs
- Worked closely with an Agile development team in 2-week sprints with daily standups

NCSA nanoMFG Node DevOps Team

December 2020–May 2021

- Maintained open-source repositories of various nano manufacturing software tools
- Developed various applications according to needs of researchers in the node
- Deployed machine learning applications to XSEDE supercomputing resources

Activities:

HKN Alpha Chapter

August 2020–Present

- Lead Exam Review sessions for first year ECE students
- Update and maintain various academic resources for ECE students

UIUC Student Space Systems

August 2019–May 2021

- Worked in Avionics division with focus on the flight computer
- Gained experience with integrated microcontrollers and aerospace sensors

Project Highlights:

Home Automation

Summer 2020

- Led a team with 3 other students to design and build home automation devices
- Programmed server framework and device code using Rust and Python
- Assembled and tested prototypes with Raspberry Pis and Arduinos

Skills:

Relevant Coursework:

ECE 220, Computer Systems and Programming, PP (COVID-19 Mandatory Pass/Fail)
ECE 385, Digital Systems Laboratory, A
MATH 415, Applied Linear Algebra w/ python, A+
CS 225, Data Structures, A

Programming Experience:

Java, 4 Years
Python, 3 years
HTML/CSS/JS, 2 years
Systems programming, C and C++, 2 years

Software Proficiency:

Microsoft Office Suite
Windows and Linux
Git Version Control
SQL DB Administration

Honors:

Dean's List

Fall 2019, Spring 2020, Fall 2020, Spring 2021