

## **BLAKE PRESTON**

537 S. Van Buren St., Apt. A, Iowa City, IA 52240  
blake.p.preston@gmail.com  
515-290-0213  
[www.blakepreston.tech/](http://www.blakepreston.tech/)

### **EDUCATION**

**The University of Iowa**, Iowa City, IA  
Bachelor of Computer Science

Anticipated, 5/21

### **PROGRAMMING LANGUAGES STUDIED**

- JavaScript HTML/CSS Java C# Python

### **PRE-PROFESSIONAL EXPERIENCE**

**Member**, Robotics Club, UIowa, Iowa City, IA

- Furthered education in science, engineering, and mathematics related to robotics
- Used OpenCV/Python to complete tasks related to object recognition

#### **Object-Oriented Software Development**

- Learned more advanced object-oriented software skills in Java
- Built more advanced understanding of structuring large-scale projects

#### **Relational Databases and SQL**

- Learned the use of query languages such as SQL
- Used SQL for relational database implementation and query processing

#### **Computer Organization**

- Studied how the design of hardware and software impact performance
- Used C/MIPS to learn the inner workings of computers and how data is processed

**Member**, Students in Technology & Sciences Organization, UIowa, Iowa City, IA

**Member**, NCAA DI Morehead State Baseball Team, Morehead, KY

8/18-5/19

- Balanced over 20 hours of practice weekly with maintaining class responsibilities
- Advanced skills in teamwork, discipline, and being coachable

### **CURRENT PROJECTS**

#### **Personal Website**

- Created a portfolio using JavaScript, HTML/CSS to further my knowledge of web development
- I also created a log-in system using MySQL and PHP

#### **Computer Vision** (project similar to Ring doorbell)

- Used OpenCV and Python to implement object tracking and detection

#### **Epidemic Simulation**

- Used software design principles to simulate an epidemic using Java in a Linux environment

#### **32-bit Computer Processor**

- Designed and implemented a substantial digital system that processes MIPS programs
- Used robust testing methodology in digital logic design using Logisim and Python

### **CURRENT EMPLOYMENT**

**Facilities/IT Assistant**, UIowa Center for Advancement, Iowa City, IA

8/19-Present

- Maintained facilities and assisted in IT services throughout building

### **AWARDS/HONORS**

**Dean's List**, Morehead State University, Morehead, KY

8/18-5/19

**OVC All-Academic Honors**, Morehead State University, Morehead, KY

8/18-5/19