

HOLDEN HRABAK

hhrabak@acm.org

480-490-8504

EDUCATION

- **Northern Arizona University, Honors College**
 - Double Major: Software Engineering | Data Science
 - Minors: Cybersecurity | Mathematics
 - Expected Graduation Spring 2028
 - GPA: 3.8

TECHNICAL SKILLS

- **Programming Languages:** Python, C, R, HTML, JavaScript, and CSS
- **Development Tools:** GitHub, Zsh/Bash Terminal
- **Learning Microcontrollers:** STM32, Embedded Programming Basics
- **Project Collaboration:** Working with a mechanical engineer in building a robotic arm with advanced shell scripting, remote deployment, project management

RELATED COURSEWORK

- **Computer Science I and II:** Foundational principles of computer science, including object-oriented fundamentals/programming. Intermediate computer science, emphasizing algorithm design, and data structures
- **Computer Science I and II Lab:** Practical experience with applied programming problems and development techniques. Hands-on experience with data structures
- **Computing Tools 105, 205, and 305:** Computer science and engineering tools (shell commands, file editing, version control). Intermediate shell scripting, file management, and version control collaboration. Advanced development tools, remote service deployment, and shell scripting
 - Discrete Mathematics
 - Exploratory Visual Data Analysis
 - Statistical Analysis

CONTINUED STUDIES/CLASSES/CLUBS

- **Learning:** Microcontrollers (MCUs) and STM32 Development, HTML, JavaScript, and CSS
- **2025 Fall Semester Classes:** Data Structures, Computer Organization, Web programming, Regression Analysis, Introduction and Data Wrangling/Exploration in R, Matrix Algebra
- **Club:** Officer for ACM (Association for Computing Machinery)

WORK HISTORY

- **08/2024 - Current**
 - **Community Assistant (CA) | Northern Arizona University | Flagstaff, AZ**
 - Fostering engagement, campus participation and safety for 100 residents
 - Manage administrative tasks and implement University policies
 - Communicating with Supervisors and University Officials
- **06/2022 - Current**
 - **Clerical Assistant | Contemporary Allergy and Asthma | Scottsdale, AZ**
 - Streamlined clerical operations, including data entry and records organization
 - Delivered excellent customer service, enhancing patient satisfaction