



Team Inventory

9/21/2021

Rehab Remote

Project Sponsor

Dr. Zachary F. Lerner

BiOMOTUM, Inc.

Faculty Mentor

Felicity H. Escarzaga

Team Members

Kylie Cook

Brandon Roberts

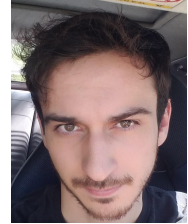
Robert Bednarek

Katarina Marsteller

The purpose of this Team Inventory Document is to take an Inventory of what talents and abilities our team members have and do not have. The following information will be resume/portfolio style pages on our member's strengths, weaknesses, any experience, and any hobbies or interests.

Brandon Roberts

Computer Science
Flagstaff, AZ



Education

- Yavapai College, 2017 - 2019, 3.42 GPA
- Northern Arizona University, 2019 - Present
 - CS 386, Software Engineering
 - CS 345, Database Systems

Work Experience:

- Intern Back End Developer:
 - Summer 2021
 - Worked with Python and the ArcGIS library for use in working with various types of data
 - Developed and maintained the company's back-end scripts used for analyzing databases and comparing the data for various applications such as error finding, polygon analysis to ensure compliance.
- **Personal Experience:**
 - Personal work on a crash detection app for motorcycles that uses accelerometer and gps to notify authorities in the event of the detection of a crash or sudden stop while app is running

Skills

- Proficient In:
 - Java | CS 136, CS 249, CS 345
 - Python | CS 110, CS 126, CS 386
 - JavaScript | CS 212 and CS 386
 - C | CS 200, EE222, CS 249
- Knowledgeable:
 - C++ | CS 212 CS 386
 - PHP | CS386

Other Interests:

- Data Analysis
- Personal Health

Portfolio: <https://brandon-roberts.netlify.app/>

LinkedIn: <https://www.linkedin.com/in/brandon-roberts-a8b128147/>

GitHub: <https://github.com/br Robert8>

Katarina Marsteller

Applied Computer Science
Flagstaff, AZ

Education:

Flowing Wells High School 2014 - 2018, GPA: 3.97

- AP Computer Science

Northern Arizona University. 2018 - Present

- CS 386, Software Engineering



Experience:

Personal:

- **Website-Based Database API Product Search
Summer 2021**

With the assistance of a team for CS386, my team and I created AlertX, a website which when given a search term finds an item which the user can then pin to be notified when the product was in stock again. With expansion, the website would later search across several APIs such as Walmart, Target, BestBuy, and many more.

- **Art Commissions**

I have been commissioned by a few people to do artwork for characters and logos. I would be given a description of the desired artwork - characters, background, etc. Examples are available upon request.

Skills/ Proficiencies

- Java/Javascript | CS 212 | CS 249 | CS 136
- Bootstrap | CS 386
- Website Development (HTML/CSS) | CS 212 | CS 386
- C | CS 480 | CS 460
- Python | CS 136

Interests

- Website development
- App development
- Game Development
- Design
- Health & Wellness

LinkedIn: [Katarina Marsteller | LinkedIn](#)

GitHub: [kdm423 \(github.com\)](#)

Kylie Cook

Applied Computer Science
New River, AZ



Education:

- Boulder Creek High School, 2014 - 2018, 3.72 GPA
- Northern Arizona University, 2018 - Present
 - CS 386, Software Engineering
 - CS 345, Database Systems

Work Experience:

- Supplemental Instruction Leader
 - August 2019 – May 2020
 - Acted as a peer-facilitator for students in courses involving MATLAB.

Skills:

- Proficient In:
 - Python | CS 110, CS 126, INF 110, CS 386
 - Flask | CS 386
 - Django | CS 386
 - Java | CS 136, CS 249, CS 345
 - C | CS 200, EE222, CS 249
 - HTML/CSS | CS 212 CS 386
- Knowledgeable In:
 - JavaScript | CS 212 and CS 386
 - SQL | CS 345 and CS 386
 - Postgres | CS 386
 - MySQL | CS 345

Other Interests:

- Game Development
- Web Development

Robert Bednarek
Applied Computer Science
Surprise, AZ



Education:

- Paradise Honors High School, 2014 - 2018, 3.98 GPA
- Northern Arizona University, 2018 - Present
 - CS 345, Database Systems
 - CS 386, Software Engineering

Work Experience:

- Software Development Internship at Neudesic
 - May 17, 2021 – August 13, 2021
 - Helped with Microsoft Azure Cloud infrastructure by creating Azure Resource Manager Templates to manage security notifications

Skills:

- Proficient In:
 - Python | CS 126, CS 386
 - Java | CS 136, CS 249
 - C | EE 222, CS 200, CS 480
 - HTML/CSS | CS 112, CS 212
 - MySQL | CS 345
 - Microsoft Office | ISM 120
- Knowledgeable In:
 - Flask | CS 386
 - JavaScript | CS 212
 - Microsoft Azure | 12 Week internship at Neudesic

Other Interests:

- Cyber Security
- App Development

LinkedIn: <https://www.linkedin.com/in/robert-bednarek-6652b4180/>

GitHub: <https://github.com/robertbed26>