

# Glacies Indicium



## Team Inventory

9/14/2020

Project Sponsors  
Dr. Heather Lynch  
Dr. Mark Salvator  
Brian Szutu

Faculty Mentor  
Andrew Abraham

Team Members  
Beck Bohnker  
Joe Carter  
Kassandra Coxen  
Logan Garret  
Zach Spielberger

### **Overview:**

The purpose of this team inventory document is to briefly introduce the members of our team.

The following pages briefly outline the training, skills, and relevant experience of each team member.

## **Joe Carter**

**Major:** Computer Science

**Hometown:** Tucson, Arizona

**Education:**

- High School: Amphitheater High School GPA: 3.8
- Educational Institutions:
  - Northern Arizona University
    - Relevant Courses:
      - CS 386: Software Engineering
      - CS 450: Principles of Parallel Programming
      - CS 485: Undergraduate Research



**Work Experience:**

- Undergraduate Researcher (Jan 2020 – May 2020)
  - Worked with professor on campus to assist with research involving porting a quantum secure algorithm to the GPU
  - Gave practical experience setting own deadlines and tasks as well as w/ using C and CUDA C

**Skills:**

- Languages
  - Python & Java – both used throughout courses
  - C & CUDA C – used in courses as well as undergraduate research
  - Javascript & ReactJS – made web app w/ framework that utilized React
- Competence w/ Command-Line Interface

**Other Interests:**

- I'm this year's Student Body President so a big interest of mine is being an advocate for my fellow students
- Rock Climbing
- Tabletop RPGs & Videogames

# **Logan Garrett**



**Major:** Computer Science, Minor Mathematics

**Hometown:** San Diego, CA

**Education:**

- Educational Institutions:
  - Trinity University
  - Northern Arizona University

**Work Experience:**

- Undergraduate Researcher
  - Responsible for an ongoing independent research project investigating techniques for exploiting physically unpredictable properties of SRAM memory chips to build a novel, cryptographically secure random number generator

**Skills:**

- C/++/# programming, Java, Python
- Web development and deployment
- Mobile applications
- Technical writing and documentation
- Linux

**Other Interests:**

- Animals
- Statistics
- Video games
- Gardening

## **Zachary Spielberger**

**Hometown:** Mesa, Arizona

### **Education:**

- High School: Desert Ridge High School GPA: 3.7
- Educational Institutions:
  - Northern Arizona University
    - CS 386: Software Engineering
    - CS 399: Advanced Web Programming



### **Work Experience:**

- Undergraduate Researcher at Northern Arizona University (May 2020 – Present)
  - Worked with university professors to develop a Chrome extension to increase gender inclusivity in open source projects on GitHub using JavaScript and GitHub API.
- Web Developer Intern at Outlier (May 2019 – March 2020)
  - Implemented new website interface, updated sites to be ADA compliant, and merged databases using PHP and MySQL from different companies to provide more accurate store location search results to users

### **Skills:**

- Languages
  - Python, Java, C, JavaScript, PHP, and MySQL
- Web development
- Android application development
- Web scraping

### **Other Interests:**

- Video games
- 3D printing

## **Rebecca Bohnker**

**Hometown:** Lake Havasu City, Arizona

### **Education:**

- High School: Lake Havasu High School GPA: 4.3
- Educational Institutions:
  - Northern Arizona University
    - CS 386: Software Engineering
    - CS 399: Advanced Web Programming
    - CS 450: Principles of Parallel Programming



### **Work Experience:**

- Lab Ad for CS 136 at Northern Arizona University (January 2020 – May 2020)
  - Helped ensure students gained fundamental understanding of programming and taught students the needed information to complete labs.
- Teaching Assistant for CS 136 and CS 480 at Northern Arizona University (Fall 2020 – Present)
  - Worked with a team of individuals to give students a deeper understanding of submitted work.

### **Skills:**

- Languages
  - Python, Java, C, C#, JavaScript, and MySQL
- Web development
- Android application development

### **Other Interests:**

- Muggle Quidditch
- Girl Scouts
- Math

## **Kassandra Coxen**

**Major:** Computer Science and Mathematics

**Hometown:** Chino, California

**Education:**

- High School: Chino High School (GPA: 4.4)
- Educational Institutions:
  - Northern Arizona University
    - Relevant Courses:
      - CS 386: Software Engineering
      - CS 345: Principles of Database Systems
      - STA 444/445: Data Wrangling in R



**Skills:**

- Languages
  - Python, Java, C, MySQL, R: Beginner to intermediate knowledge gained through coursework
  - Linux: Beginner knowledge gained through coursework

**Other Interests:**

- As a disabled student, I am interested in promoting inclusivity and accessibility.
- Music
- Video games