Team Inventory
September 27, 2019
EnginAir

Sponsor:
Harlan Mitchell, Honeywell
(harlan.mitchell@honeywell.com)

Mentor:
Scooter Nowak
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Team Members:
Chloe Bates (ccb323@nau.edu),
Megan Mikami (mmm924@nau.edu),
Gennaro Napolitano (gennaro@nau.edu),
Ian Otto (dank@nau.edu),
Dylan Schreiner (djs554@nau.edu)

Purpose:
The purpose of this team inventory document is to briefly introduce each member of the team. The following pages outline each members' training, skills, and relevant experiences. This allows the team and sponsor to gain a comprehensive view of the team's strengths.

Chloe Bates

Chandler, Arizona

EDUCATION

Corona del Sol High School – Tempe, AZ   GPA: 3.7

Northern Arizona University – Flagstaff, AZ   Expected Graduation: May 2020
Bachelor of Science, Computer Science   CGPA: 3.52
Minor: Mathematics

Relevant Courses
CS480: Operating Systems
CS386: Software Engineering

WORK EXPERIENCE

- **Autonomous Driving Group Intern at Intel Corporation.** Designed and implemented a "What if" analysis for FMEDAs using Visual Basic for Applications.
- **Operating Systems Teaching Assistant at NAU.** Grade quizzes and provide feedback to students.
- **Data Structures Teaching Assistant at NAU.** Grade coding projects as well as hold office hours to tutor students.

SKILLS

Some of my familiar technologies are as followed in no specific order:

Algorithms	Java	Visual Basic for Applications	Debugging

- Algorithms. From my Data Structures TA position, I have come to enjoy mapping out problems first to find the best possible design approach for projects and code.
- Java. This was the first coding language that I learned, and it remains one of my favorites.
- Visual Basic for Applications. I am very familiar with this programming language because I used it to create a program for my internship team.
- Debugging. I have made many mistakes in my computer science degree, and I have come to find that this skill is very crucial in software engineering.

OTHER INTERESTS

Some things that I enjoy outside of school and the computer science world are walking my dog, snowboarding, and jigsaw puzzles.

FUTURE ENDEAVORS

I will be moving back to the Phoenix area. I enjoyed my time at Intel, so I am considering taking an informal offer from Intel's Autonomous Driving Group or exploring other options.

Megan Mikami

Ewa Beach, Hawaii

EDUCATION

Pearl City High School – Pearl City, HI   GPA: 4.0

Northern Arizona University – Flagstaff, AZ   Expected Graduation: May 2020
Bachelor of Science, Computer Science   CGPA: 3.89
Minor: Mathematics

Relevant Courses
CS302W: Technical Writing
CS345: Principles of Database System
CS386: Software Engineering

WORK EXPERIENCE

I do not have professional work experience that is relevant to a technical project.

SKILLS

Some of my familiar technologies are as followed in no specific order:

Java   C   Python

- All Java experience was acquired during Computer Science II and Data Structures courses.
- All C experience was acquired during Operating System and Parallel Programming courses.
- All Python experience was acquired during Computer Science I course.

OTHER INTERESTS

Besides focusing on my academics, I enjoy playing tennis, watching Netflix, and taking naps during my free time.

FUTURE ENDEAVORS

I am interested in the defense and aerospace industry and my goal is to work for a well-known company. I would like to be located on the west coast but if a job opportunity presents itself elsewhere, I probably would not deny it. While I have an interest in performing in a software engineering type of role, I am also interested in project management or some type of managerial position.

Gennaro Napolitano

Prescott, Arizona

EDUCATION

Tri-City College Prep High School – Prescott, AZ

Northern Arizona University – Flagstaff, AZ   Expected Graduation: May 2020
Bachelor of Science, Computer Science

Relevant Courses
CS399: Advanced Web Development

WORK EXPERIENCE
- **Junior Systems Administrator** at Northern Arizona University Information Technology Dept.
- **Software Engineering Intern** at General Dynamics: Mission Systems

SKILLS
Some of my familiar technologies are as followed in no specific order:

HTML/CSS	**Java**	**C#**
Python	**Unix/Linux**	**JavaScript**

- I have some basic web development experience with web development using HTML, CSS and JavaScript creating small projects
- During my Internship at General Dynamics I was using java to do my projects integrating enterprise software together.
- I've written some Twitter bots in both C# and Python, one that scrapes user data from accounts and another that tweets out certain things
- I manage Unix Systems at my job as a systems administrator, and use Linux on my personal laptop
- Systems administration experience at Northern Arizona University managing the MacOS ecosystem, and Software packaging/deployment on Windows and MacOS platforms

OTHER INTERESTS
Outside of school and CS I enjoy cooking, baking, and getting outside whether it just be relaxing or riding my motorcycle.

FUTURE ENDEAVORS
After some research and my internship, I have an interest in working in the defense/intelligence community possibly in the DC/Virginia/Maryland area or just stay in Arizona and see what defense options I have here. Alternatively, banking/payment industry also sparks my interest.

Ian Otto

Prescott Valley, Arizona

EDUCATION

Tri-City College Prep – Prescott, Arizona

Northern Arizona University – Flagstaff, AZ   Expected Graduation: May 2020
Bachelor of Science, Computer Science

Relevant Courses

CS399: Advanced Web Development
CS499: Introduction to Networks
CS386: Introduction to Software Development

WORK EXPERIENCE

- **Information Security Student Worker** at Northern Arizona University Information Technology Dept.
    - Performed maintenance and extension tasks on a web app we use widely in our daily workflow; Working to modernize our deployment infrastructure to include repeatable, reproducible builds of server architecture through Ansible and Docker; Automating the packaging and testing of products we deploy through campus via a Python extension.

SKILLS

Some of my familiar technologies are as followed in no specific order:

Backend API Services	Cloud-Based Webservices	Orchestration (Ansible)	Python	Linux
Java	Node.js	CI/CD	Docker	

- Through my work at ITS, I've acquired a lot of experience with backend web development, and smart development practices.
- Through side-projects, I've worked with Node.js, Cloud-based Microservices, Linux, and CI/CD.
- Working on projects at school, I have used Docker and Orchestration to automate building and testing environments.

OTHER INTERESTS

Some of my outside hobbies/interests are gaming, open-source side projects, and skiing.

FUTURE ENDEAVORS

I want to work at a company where I feel like the code I write or the changes that I make truly make a difference for the company. I am result-driven, so seeing the results of my code go into production motivates me to become a better program.

Dylan Schreiner

Peoria, Arizona

EDUCATION

Raymond S. Kellis High School – Peoria, AZ   GPA:3.75

Northern Arizona University – Flagstaff, AZ   Expected Graduation: May 2020
Bachelor of Science: Computer Science

Relevant Courses
CS 212: Web Programming
CS 345: Principles of Database Systems
CS 480: Operating Systems

WORK EXPERIENCE
- **Big Data Platform Technology Intern** at State Farm. Worked with the App Development and Automation teams to create and update python scripts used on the clusters.
- **Java Lab Teaching Assistant.** Hold office hours and grade for the students. Answer any questions they may have about the class or Java in general.
- **Principles of Languages Teaching Assistant.** Hold office hours and grade for the students. Answer any questions they may have.

SKILLS
Some of my familiar technologies are as followed in no specific order:

Java   C   Python/Django

- I have been the Java TA for about three years now. Because of this I have a pretty good understanding of java.
- For operating systems, we used C to create our simulators.
- I have used Python in my internship as well as in my software engineering class. I have used the Django framework to create multiple websites during that time.

OTHER INTERESTS
I enjoy playing soccer and Skiing on my free time. Learning about creating mobile apps is something that piques my interest as well.

FUTURE ENDEAVORS
I will be moving back down to Phoenix. I have received an offer from State Farm to come back and be a Software Developer. It was a great internship and I am considering taking the position offered.