CS476 Team Inventory

Transit Trackers

3 October 2024



Drake Stanton, Lauren Bushman,

Alonso Jimenez Alamilla, Benjamin Griepp

NAU Shuttle Services

Paul Deasy

Overview:

The purpose of this document is to provide a brief introduction to the members of our team. The following biographies outline the relevant skills and training of each individual on the team.

**Drake Stanton**

**Biographical Info:** My major is Applied Computer Science with a minor in Cyber Security and I am from Scottsdale, Arizona.

**Education:**

* Desert Mountain High School(2016-2020): 3.2 GPA
* University of Arizona(2020-2020):
* Northern Arizona University(2021-2025):
  + CS386: Software Engineering
  + CS312: Web Programming II
  + CS345: Database Management

**Skills:**

* Project management/Leadership: I have had several leadership positions in my fraternity on campus that have given me experience in managing a group.
* HTML, Javascript, CSS, Python, C: Throughout my coursework at NAU I have gained experience with various programming languages that can be applied to our project.

**Other Interests:** I am currently studying for my LSAT with hopes of going to law school after graduation.

**Lauren Bushman**

**Biographical Info:** I am a Computer Science major with a minor in Cybersecurity and I grew up in Joseph City, Arizona.

**Education:**

Joseph City High School (2017-2021) GPA: 3.8

Northland Pioneer College (2019-2021): GPA: 4.0

Northern Arizona University (2021-Present) GPA: 3.9

* Software Engineering (CS386)
* Computer Networking (CS460)
* Web Programming II (CS312)
* Database Systems (CS 345)

**Work Experience/Projects:**

Side Quests: a web application for tracking daily tasks and habits

(Javascript, NodeJS, Python, MySQL, HTML/CSS)

* Interactive calendar and to-do list
* Point system that rewards user for completing tasks
* Secure login system and database

Server-based Chat Program (C)

* Live server listening for client connections
* Ability for clients to join chat, send messages to each other, and leave chat

**Skills:**

* Web programming with Javascript and NodeJS
* Database system management with Python and MySQL
* C, C++, Python, and Java programming
* Version control with Github

**Other Interests:** Some of my hobbies include building mechanical keyboards, writing fictional stories, traveling, and exploring Flagstaff.

**Alonso Jimenez Alamilla**

**Biographical Info:** I am a Computer Science major from Phoenix, Arizona.

**Education:** Northern Arizona University, pursuing a Bachelor of Science in Computer Science (August 2021 - May 2025 expected)

* Courses taken include Data Structures, Algorithms, Database Systems, Web Development

**Work Experience/Projects:**

**Muscle Memory:** Worked with a team towards designing a web application designed for a 300 level course that helps track a user’s calorie intake, as well as other nutritional information.

**AGCO:** Worked as a Summer 2024 intern at AGCO, an agricultural company, in the capacity of quality assurance for their Salesforce platform.

**Skills:** C, C++, C#, Python, Javascript

**Other Interests:** I enjoy learning about computer hardware in my spare time.

**Benjamin Griepp**

**Biographical Info:** I’m a Computer Science student from Phoenix Arizona

**Education:** Thunderbird High School (2016-2020) (GPA: 3.8)

Stevens Institute of Technology (2020-2023):

Web Development II, Algorithms, Data Structures

Northern Arizona University (2023-2025):

Software Engineering, Software Architecture, Computer Networks

**Work Experience/Projects:**

**Codagotchi: A Virtual Pet VSCode Extension** - Worked on during free time over the past year with two other developers and includes a backend system for social interactions. (Svelte, Typescript, NodeJS, Firebase)

**LyricType: A Typing Test Website for Song Lyrics -** Allows users to complete typing tests based on their choice of music artist, uses the Genius API and a web scraper on the backend to retrieve lyrics. Features a MacOS Classic like UI with draggable windows. (Svelte, Javascript, NodeJS, Firebase, Puppeteer)

**Freelance Web Development**: Created and deployed websites for small businesses

(Wordpress, Javascript, HTML/CSS)

**Skills:** Javascript, Typescript, NodeJS, Firebase, HTML/CSS, C, C++, Github, Figma, Adobe Illustrator/Photoshop

**Other Interests:** I enjoy bouldering, listening to music, pixel art and web development.