Northern Arizona University

Team Radio Pi

Capstone Team	*Project Sponsor*	*Mentor*
Tyler Plihcik	**General Dynamics**	David Failing
Brandon Click	**Mission Systems**	
Jeffrey Williamson	Randy Derr	
Kaelen Carling		
Saurabh Jena		

Team Inventory Document

Version 1.0

September 13th, 2020

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Overview

The purpose of this document is to briefly introduce the members of the capstone team, Radio Pi. The following pages will include small biographies, and any relevant information pertaining to each team member, including but not limited to skills, training, and experience.

Tyler Plihcik
Team Lead

Major:
Applied Computer Science

Hometown:
Mesa, Arizona

Education:
2013 - 2017, Highland High School, GPA: 3.5
2017 - Present, Northern Arizona University

Relevant Courses:
Operating Systems
Network Analysis
Discrete Mathematics
Data Structures
Databases
Advanced Mobile Application Development

Work Experience:
2020 - Present
Software Developer, Northern Arizona University Information Technology Services
NAUgo Team

2020 - Present
Grader, Northern Arizona University Software Engineering Course

Skills:
Application Development
API Integration
UI / UX Experience

Personal Interests:
Outside of work and school, I am an avid triathlete, competing for the NAU Team, and an outside Elite Development Team. I travel around the country racing against some of the nation's best athletes on both the collegiate circuit, and the EDR (Elite Development Racing) circuit.

Brandon Click
Release Manager
Communications Lead

Major:
Applied Computer Science

Hometown:
Chandler, Arizona

Education:
2013 - 2017, ASU Preparatory Academy, GPA: 3.72
2017 - Present, Northern Arizona University

Relevant Courses:
Discrete Mathematics
Network Analysis
Web Development
Data Structures
Operating Systems
Databases

Work Experience:
Fall 2018- Spring 2020, Michael E. Leverington Teaching Assistant.

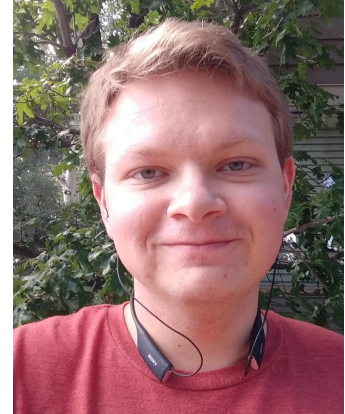July 2015- August 2017, File Clerk at a Law Office

Skills:
Low overhead C code
Code reviewing
Mobile App Development

Personal Interests:
Outside of class I enjoy reading Sci-Fi and fantasy books. I also devote a lot of time to playing and creating tabletop roleplaying games set in many settings, often taking the role of Dungeon Master. I also play plenty of video games with a large group of friends. Im looking to make a mark on the world, and leave it better than I found it.

Jeffrey Williamson
Recorder

Major:
Computer Science

Hometown:
Phoenix, Arizona

Education:
2017-Present Northern Arizona University
2016-2017 Maricopa Community College

Relevant Courses:
Databases
Computer Networks
Algorithms
Software Engineering

Work Experience:
2017 January - 2017 May
Intern at American Express for Big Data. Worked with Hadoop and databases in an Agile development team.

Skills:
Linux Environment Experience
Database Management

Personal Interests:
Outside of class when I am done reading for school I love to read fiction. Science fiction can be great inspiration for what could be possible in the future. In the past, cell phones were laughable and today they are everywhere. I hope to contribute to something as impactful on the world.

Kaelen Carling
Architect

Major:
Applied Computer Science

Hometown:
Queen Creek, Arizona

Education:
2018 – Present, Northern Arizona University, GPA: 3.58
2015 – 2017, Chandler Gilbert Community College, GPA: 3.8
2011 – 2015, Higley High School, GPA: 3.5

Relevant Courses:
Operating Systems
Computer Networks
Data Structures
Databases
Software Engineering

Work Experience:
2018 – Present
Website Administrator, Transfer and Online Connections

Skills:
Software Development
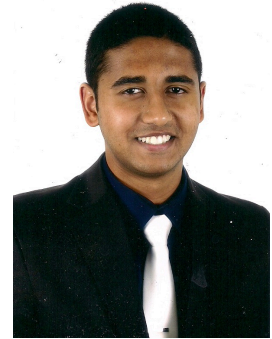Networked Applications/Socket Programming
UX/UI Design
Network Security Analysis

Personal Interest:
Typically, I spend most of my free time working on open source projects or doing security research. Lately I've been doing a lot of malware reverse engineering using Ghidra. I also do photography on the side (primarily landscape/astrophotography) as well as video editing, and I've recently gotten into collecting records and audio mixing/ recording.

Saurabh Jena
Coder

Major:
Computer Science

Hometown:
Los Angeles, California

Education:
2012-2016 Gahr High School
2016-Present Northern Arizona University

Relevant Courses:
Operating Systems
Data Structures
Algorithms
Automata
Databases
Web Programming
Android App Development
Discrete Mathematics
Software Engineering

Skills:
Experience with Linux
Web Development
Engineering Team Experience

Personal Interests:
Apart from school some of my hobbies include skateboarding and snowboarding mostly. I enjoy skateboarding as much as possible. Learning new tricks helps motivate me to think of it as a way to live my life. It motivates me to never give up no matter how many times you fail.