

David Jefts

Computer Science major focused on robotics and astrophysics seeking an internship for summer 2019.

EDUCATION

Embry-Riddle Aeronautical University (ERAU) — CGPA: 3.515
Major: Computer Science — Minor: Applied Mathematics

August 2017 - May 2020

- Dean's List, Fall 2017
- Presidential Achievement Scholarship, 2017
- Honor Roll, 2018

RECENT WORK EXPERIENCE

Cray Inc. SHASTA Network Management Team, Austin TX
— Software Engineering Intern

May 2018 - August 2018

- Researched 3rd-party network management tools/API's
- Implemented software to integrate with 3rd-party network management tools under the direction of a senior engineer
- Participated in design with team lead/mentor in an Agile/Scrum development environment on a 9-person team
- Developed domain expertise, working as part of a small, on-site development team
- Developed network testing tools and robots using Bash and Python scripting

Embry-Riddle Aeronautical University, Daytona Beach FL
— Gaming Floor Assistant

August 2018 - PRESENT

- Answer phone calls and greet Student Union visitors
- Answer a wide variety of questions from visitors, which can include students, faculty, staff, and the outside community
- Use proprietary software to log the use of publicly available items such as table tennis equipment, board games, and video gaming equipment

PROJECT EXPERIENCE

Under Ice Sampling Device — NASA's 2017-18 Microgravity NExT Challenge

The Ice Core Collection Experimental Device (ICCED) proposal was accepted by NASA and our device was demonstrated in NASA's Neutral Buoyancy Laboratory in Houston TX for NASA's Microgravity University 2018 Challenge. www.microgravityuniversity.jsc.nasa.gov/

Agents AI Software — Software Engineering Practices Class Project

Agents program that used machine-learning to optimize various stats of an Agent to give it the best survival chance. Coded in Java with a GUI in JavaFX

Pseudo Tamagotchi Program — Institute of Electrical and Electronics Engineers

Project lead to create a playable game similar to Tamagotchi. Based completely in Java.

Austin, Texas
Daytona Beach, Florida
(512) 779-5094
dvdjefts27@gmail.com
[linkedin.com/in/david-jefts](https://www.linkedin.com/in/david-jefts)

SKILLS

Java, JavaFX, Python,
Bash, BASIC, Racket,
Excel, C/C++, MATLAB

Agile-Scrum Development

MacOS, Microsoft
Windows, Linux

LEADERSHIP

ERAU Microgravity Club
Vice President

Institute of Electrical and
Electronics Engineers
Project Lead

Society of Hispanic
Professional Engineers
IT Chair — Built and
maintain the website at
eraushpe.org
National Member

LANGUAGES

English (proficient)
Spanish (limited working
proficiency)

INTERESTS

Piano
Swimming
Reading