

Adam Doussan

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Education

UNIVERSITY OF CENTRAL FLORIDA

AUGUST 2014 – MAY 2018

Bachelor of Science in Computer Science – 3.449 Overall Cumulative GPA

- Computer Science team lead of UCF's Society of Automotive Engineers (SAE)
- Attend UCF programming team practices weekly

Professional Experience

HARRIS CORPORATION

MAY 2018 – CURRENT

Software Engineer – Space and Intelligence Systems

- Interpreted customer requirements and designed class, component, and sequence diagrams to ensure system met customer needs. Defined and linked interfaces to model data and execution flow. (MagicDraw)
- Mocked, designed, and implemented web interface. (React, HTML, CSS, JavaScript)
- Designed and implemented backend services. (Swagger, Node, Python)
- Created automated deployment and configuration of services and interfaces. (Ansible, Make, RPMs, NGINX , AWS)

UCF STUDENT ACADEMIC RESOURCE CENTER

JANUARY 2017 – AUGUST 2017

Supplemental Instruction Leader

- Attended lectures and lead four group sessions a week to assist students with current and previous course content.
- Classes assisted include Object Oriented Programming (Java) and Computer Science 1. (C)
- Assisted and guided students in becoming responsible and independent learners.

FORMULA SOCIETY OF AUTOMOTIVE ENGINEERS

FEBRUARAY 2016 – MAY 2018

Computer Science Team Lead

- Troubleshoot, redesigned, and reprogramed paddle shifter system with an Arduino Uno microcontroller. (C)
- Designed, programmed, and fabricated brake light system with an Arduino Uno microcontroller.
- Designed a launch control system which integrates with both a MoTeC data logger and a Performance Electronics ECU.

Technical Background

- Created custom bash scripts for code generation and automated program testing.
- Electives include Problem Solving and Team Dynamics where I finished first overall in individual contests and second in team contests, and Artificial Intelligence.
- Familiar with Windows and Linux environments and feel at home in a terminal. (ZSH, Emacs, TMUX)