

Noah James Green

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Education

University of Michigan

BS IN COMPUTER SCIENCE
GPA: 3.0

Ann Arbor

Sep 2015 – Apr 2019

Experience

Oasis Advanced Engineering

Auburn Hills, MI

RESEARCH ENGINEER

May 2019 – Present

- Developed software for Abrams COFT, a simulation trainer that is fielded and in use at military bases across the United States.
- Created a VOIP solution for replica intercoms that allows communication between trainees as well as simulation audio insertion and a record/replay function.
- Used a combination of C and Python to integrate head tracking sensors with Open Broadcaster Software, allowing instructors to see what the trainees see at all times.
- Proposed a forum for recently graduated engineers to share knowledge and learn from more experienced engineers, which became a monthly event as Oasis added many new hires.

Valkor Energy Services

Katy, TX

IOT ENGINEERING INTERN

May 2018 – Sep 2018

- Prototyped edge devices for the Oltranz IOT fuel tracking project, now deployed in Nigeria saving \$10,000 per week through theft prevention.
- Used Git to move the project from ad hoc email based collaboration to a properly version controlled codebase.

Backyard Brains

Ann Arbor MI

RESEARCH INTERN

June 2016 – September 2016

- Used Bluetooth and C to program firmware for the RoboRoach, an educational biotech demo that 'steers' a cockroach by stimulating its antennae via remote control, referred to this as a 'cyborg' at parties.

Skills

Languages: C/C++, Python, C#

Frameworks: Flask

Paradigms: Object Oriented Programming, Functional Programming

Technologies: Linux, Bluetooth, Git, Subversion, Web Deployment

Projects

Shopkeeper

Python, Discord API, Google Sheets

API

A DISCORD BOT THAT AUTOMATES SHOPPING FOR ITEMS IN YOUR TABLETOP RPG. USES GOOGLE SHEETS FOR EASY INVENTORY EDITING.

noahgreen.net/shopkeeper