

## Noah Hradek

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## Work Experience

### **Alternative Experts, Dumfries VA** — *Junior Software Engineer/Data Scientist*

August 2019 - May 2021

- Contributed to a medium-sized codebase with over 10,000 lines of code.
- Developed backend and contributed to frontend application which a military client utilized for wargaming scenarios.
- Developed tool for government client which tracked usage data which helped them in determining when to provide services for the system.
- Implemented unit tests to achieve high code coverage using pytest as well as interface tests using Selenium.
- Utilized OAuth to develop user authentication and account management system for web app.
- Technologies Used: Python, Django, SQL, PostgreSQL, Javascript/Typescript, Angular, Django Rest Framework

### **Virtual Student Federal Service, Virtual** —Intern

Fall 2018 - Spring 2019

- Developed a voice interface chat skill for google assistant that helped users save money on energy costs.
- Technologies Used: Javascript, NodeJS

## Education

### **University of Texas at El Paso, El Paso TX** — BSc. *Computer Science*

Grad: Fall 2019

## Personal Projects

**Bosporthennis** - Unity game which allows the player to explore a procedural environment with randomly generated planets and a craft that is affected by gravitational pull. Won 1st place at RIT game jam. *Technology: C#, Unity*

**Grive** - Command line interface for google drive using Go and Google API. *Technology: Go, Google API*

**Starminy** - Pong-like game for pebble which uses the accelerometer to move ball around. *Technology: Pebble API, C*