

Devin Morgan

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Education

Old Dominion University

Bachelor of Science in Computer Science
Cumulative GPA: 3.33/4.0

Norfolk, VA

Aug. 2019 – May 2025

Phoebus Highschool

General Education

Hampton, VA

Sep. 2014 – May 2019

Experience

Data Entry Specialist and Software Developer

June 2024 – Present

Virginia Space Grant Consortium

600 Butler Farm Rd Hampton, VA

- Developed multiple **software applications** designed to control small drones and provide high school students with foundational programming education
- Maintaining and updating the **internship database** using **Excel**
- Leveraged **JavaScript frameworks** and **HTML** to create interactive learning experience applications

Technology Analyst

Sep. 2023 – Present

ODU Procurement Services

5115 Hampton Blvd Norfolk, VA

- Evaluating surplus **hardware** to determine its quality and potential for resale
- Assess and troubleshoot **computer problems** brought by students, faculty and staff
- Assessing a diverse range of equipment, including **CPUs, laptops, projectors**, and other technology

VICEROY Cybersecurity Research Program

Nov. 2024 – Present

Department of Defense (DoD) Funded | Old Dominion University

5115 Hampton Blvd Norfolk, VA

- Selected for **prestigious** DoD-funded research on **GPS spoofing detection** using **transformer-based AI models**
- Applied **machine learning** techniques to real-world **cybersecurity challenges** in a collaborative **research** setting
- Designed and presented a **research poster** showcasing project outcomes to an academic audience

Projects

Genesis AI | Flutter, Firebase, Subabase, REST API, AI Integration, Docker

January 2025 – Present

- Developed an advanced **AI-driven** chatbot app integrating **APIs**, including **OpenAI** and more
- Accomplished a more **secure faster** backend by **120%** by implementing **Redis caching** with **JWT authentication**
- My app has been used by over **+9,000** users and has generated over **+55,000** chat requests and over **+2,500** images
- Many features such as **real-time web search**, **AI generated images**, and **file uploads**

Plasma Puck Unlimited | Unity, C#, iOS, Android, Game Development

August 2023 – Present

- Developed a fast-paced mobile hockey game with over **+20,000** downloads
- Use of **Unity services** for features such as **mobile ads**, **cloud remote config**, and **player analytics**
- Recognized and featured **twice** by the **iOS App Store**, with a **4.8/5-star** rating overall

Tello Coding Labs | JavaScript, HTML, Electron.js, Python, Drone Programming, Software Development

July 2024 – Present

- Developed over **4** educational **applications** to teach **coding** and **drone programming** to students using **Python**
- Accomplished **interactive drone coding** for students by **embedding a code editor** using **CodeMirror.js** within an **Electron.js** application
- Accomplished **real-time drone control** and **live video streaming** using **FFMPEG** and **UDP packet transmission**
- My applications have been used to introduce over **+1000** students to coding

Certifications

Drone Flying Certification - July 2024

AWS Certified Cloud Practitioner - April 2025

Technical Skills

Languages: JavaScript/TypeScript, HTML/CSS, Python, Java, C, C++, C#, SQL (Postgres), Flutter

Frameworks: React, Node.js, Flask, JUnit, Next.js, Material-UI, Electron.js

Developer Tools: Git, Firebase, Supabase, Vercel, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, NumPy, Matplotlib, Amazon Web Services, Postman