

Max Farrell

"A dedicated and insightful developer, a great addition to any team."

Charlottesville, VA
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<https://wizdev.co>

EXPERIENCE

Code for Cville, Remote — Volunteer

October 2022, PRESENT
Assist in the development of technologies for non-profits

Genesis Digital, Remote — Support Agent

March 2018 - March 2021
Provide technical support to Kartra users through tickets and live chat

Self Employed, Remote — Freelance Developer

August 2012 - PRESENT
Large range of development products, mostly frontend web based for short contracts

Florida Polytechnic University, Lakeland, FL — Lab Assistant

August 2014 - July 2017
Ran the Cybersecurity lab and assisted with student and staff projects. Assisted in setting up and breaking down the media lab as well as managing shoots and equipment.

Teknatool, Clearwater, FL — Video Development/General Warehouse Worker

2012-2012
Shot, edited, and published videos for Teknatool regarding their products. Helped in the warehouse doing activities such as putting products together/moving products around.

SELF MANAGED PROJECTS

AOP — Abuse of Power Reporting System

Django and Mongo based application to report abuses of power. There are two parts, the intake system and the database viewer to slightly decentralize the project: <https://aop.wizdev.co/intake/>, <https://wizdev.co/aop/>

Source code: <https://github.com/agieocean/AOP>

SKILLS

Web Development Backend
(Django, ASP.NET MVC, Tornado, Rocket, Express)

Microsoft Office (Word, Powerpoint, Excel, Access)

Web Development Frontend
(jQuery, CSS, JS, HTML5, Materialize)

Database Development
(Mongo, MariaDB, MySQL)

Mobile Development
(Phonegap, React Native, Android, Kotlin)

Machine Intelligence
Development (Numpy, Keras, Tensorflow)

Graphics Creation (includes video editing, 3D Modeling and rendering, logo design, pixel art)/Development
(Blender, 3DS Max, Adobe Creative Cloud Suite, Aseprite)

Game Development (Godot, Love2D, GBStudio, Unity)

Server Administration (ESXI, Docker, Proxmox)

Network Administration
(Linksys, Cisco, TP-Link, Dell)

Openstreetmap Development
Languages (English primarily,

Unity Answers Archive — An Archive of the Now Deleted Unity Answers Forum

Python scraper and ASP.NET Core MVC hosting: <https://uaa.wizdev.co/>

Source code: <https://github.com/agieocean/uaa/>

Additional Projects

Extruder — A 3d library to create extrusions

This is a library I have created for the Processing language to create extruded versions of faces that you give it. This is included as it is one piece of work that I have done that has been officially attached to a language. You can find it here: <http://maxlfarrell.gitlab.io/extruder>

EDUCATION

Florida Polytechnic University, Lakeland, FL

August 2014 - July 2017

Worked in the student government

Founded the Media Club

Ran the university's first capture the flag (cybersec) competition

basic understanding of German, French, and Spanish)

Remote Hosting (AWS, Digital Ocean, Linode)

OS Competencies (Windows, Linux (Ubuntu, Kali, Fedora), Mac)

Remote Server Management (SSH, SCP, Bash)

Project Management (Kanban, Github, Gitlab, SCRUM/Agile)

Source Control (Git (Github, Gitlab))

Continuous Integration (Github, Gitlab)

Scraping (Requests, BeautifulSoup, Gecko, PhantomJS)

Live Streaming (OBS, Youtube, Twitch)

Video Publishing (Youtube, Vimeo)

AWARDS

3rd Place Overall, Best Use of AWS HackRiddle 2016, Toastifai

Overall Winner sudo Hackstetson, Queu3d

Best Developer Tool Polyhacks, Pool API

Offensive Security Competition Winners Florida Cybersecurity Conference