

Joseph Tavares III

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Git - <https://github.com/joeyyau>

Personal Page - <https://joeyyau.github.io>

OBJECTIVE

My interest in modern computational power and its influence on the human experience has drawn me into the field of Computer Science—to gain a deeper more holistic understanding of how we leverage computing resources to shape the world around us.

EXPERIENCE WITH TOOLS

ASP.NET/MVC 5 Framework

Worked on multiple projects using this framework for in-class assignments.

- Dynamic web-page scripting (AJAX, JQUERY)
- Database connection (SQL Server, LINQ, MySQL)
- Cloud deployed (Azure)

Version-control

Used Git to manage project source code.

- Git BASH
- Forking and Push/Pull requests

Databases

- Information Security & Assurance
- Relational Database design
- NOSQL data stores

AVEVA System Platform 2020 (WonderWare)

- Object Instantiation onto HMI screens from P&IDs
- OMI supervisor for HMI design
- Made unique symbols with action script functionality

Allen Bradley PLC

- Instantiation of automation objects
- Studio 5000 Logix Designer as PLC IDE
- Tagging objects with function blocks
- Ladder Logic for interlock behavior
- Structured Text to implement the controls narrative

Misc. Tools

- Agile, DAD & TDD development practices
- Linux flavor OS's
- Command-line shells (BASH, PowerShell) and scripting
- Structured Text, Function Block, Ladder Logic
- Comfortable with keyboard shortcuts
- Assembly Language
- Information Systems
- REST APIs
- MS Visual Studio / Azure
- QT Creator

- Android Studio
- Adobe Suite
- Node JS
- Welding/Soldering
- Mechanical aptitude
- OSHA 10-Hour
- AVEVA System platform 2020 (WonderWare)
- Allen Bradley PLC
- Studio 5000 Logix designer by Rockwell Automation (PLC IDE)
- Followed IT's procedure to configure Windows Servers
- Configuration/Software installation for HMI, AOS, Historian, Dev
- Anthropological Methodology

PERSONAL STRENGTHS

- Ability to collaborate well and work with a team on time sensitive projects
- Fast learner and eager to apply/further develop my skill set
- Reliable and committed to the fulfillment of project visions

STRONG LANGUAGES

- C, C++ (3 Years)
- C# (2 Years)
- Python (2 Years)
- HTML/CSS/JS (2 Years)
- SQL (1 year)
- Haskell (1 year)

EMPLOYMENT HISTORY

Intern Controls Engineer	Linde	White City, OR	2020 - Curr.
University Computing Solutions	WOU UCS	Monmouth, OR	2019-2020
Apprentice Steamfitter/Welder	Local 290	Tualatin, OR	2013-2016
Volunteer Counselor	OR Science School	Salem, OR	2013

EDUCATION

Western Oregon University	B.S. Computer Science	Grad. 2020
Western Oregon University	Minor Anthropology	Grad. 2020
Local 290 Apprenticeship	Steamfitter/Welder	2013-2016
Westview High school	HS Diploma	Grad. 2013