Philip Soriano

psoriano01@hotmail.com ❖ (905)-341-0833 ❖ Welland, ON ❖

WORK EXPERIENCE

Walker Advanced Manufacturing Innovation Centre   **May 2024 - Present**
Software Engineer / Research Assistant   *Welland, ON*

- Configured and upgraded PHP based CRM application (SuiteCRM) used by partner company SoilOptix; documenting and resolving issues to ensure compatibility with custom modules. As well as writing automation scripts for streamlined installation and dockerizing the deployment to be managed and released through Kubernetes.
- Collaborated with the research team @ SoilOptix on troubleshooting a tool used in reducing/removing residual noise visualized in interpolated surfaces (i.e. soil property maps). Utilizing Python libraries for spatial analysis and interpolation, I developed a script that automatically detects the need for removing this residual noise, across several properties of a given field: removing the need for a researcher to go through those visualizations and making those determinations manually, increasing productivity
- Contributed in patching up issues in an internal data migration tool which was used for migrating data from historical databases.

Aramark - Brock University   **Feb. 2023 - Present**
Food Service Worker   *St. Catharines, ON*

- Trained across different campus food locations(Tim Hortons, Starbucks, Pita Pit, etc.), demonstrating adaptability and quick learning.
- Ensured and upheld high standards of quality with attention to detail
- Provided friendly and efficient customer service with strong interpersonal skills.

PERSONAL PROJECTS

Tic-Tac-Toe Web Application
https://github.com/sorphil/Tic-Tac-Toe/   *(JavaScript, Sass/CSS3, HTML5)*

- Designed a mobile responsive functioning Tic-Tac-Toe web application using vanilla JavaScript /HTML/CSS that allows users to either play against other human players, or against AI players that utilize a MinMax algorithm.

To-Do Web Application
https://github.com/sorphil/To-Do-List   *(JavaScript, CSS3, HTML5, Python, Django/Django REST)*

- Designed a mobile responsive application using vanilla JavaScript/HTML/CSS as the frontend and storing data and handling authentication and sessions using Django-REST framework as the backend (hosted using the basic service provided by Python Anywhere)

EDUCATION

Niagara College   **Jan. 2023 - Present**
Computer Programming and Analysis Co-op   *Welland, ON*

- GPA: 3.7/4.0

TECHNICAL SKILLS & CERTIFICATIONS

Skills

- **Languages:** Python, C#, Javascript, HTML/CSS3
- **Libraries & Frameworks:** Numpy, MatPlotLib, SciPy, Pandas, GeoPandas, Django/Django-REST, ASP.NET, .NET, REACT, Sass
- **Tools:** Git, Linux, Shell/Bash Scripting, Docker, Kubernetes, JWT, CI/CD

Certifications

- CompTIA A+ (In Progress)
- Certified Kubernetes Application Developer (CKAD) (In Progress)