John Salisbury

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Education	**University of Cincinnati**, Cincinnati, Ohio	**May 2021**
	Bachelor of Science, Computer Engineering	GPA 3.66

Technical Skills

PHP	C++	Lua
HTML & CSS	MATLAB	Linux
JavaScript	VBA	Microsoft Office
SQL (Basic)	Java (Entry-level)	Git

Experience

BMW Manufacturing Co., Intern, South Carolina   **Fall 2017, Summer 2018, Spring 2019**

Full-time, VPS Assembly

- Assisted full time VPS Integrators in training of associates on a new Work Organization structure, indirectly increasing vehicle quality
- Improved skills in teamwork and communication in a fast paced assembly environment
- Refined and integrated a new Work Order Request system through Microsoft SharePoint
- Developed intuitive and efficient automated utilities through Microsoft Excel and VBA
- Designed analytics tools to comprehensively view trends in data
- Compiled fault data for various automated systems into effective and complete visuals
- Performed weekly audits of assembly to ensure compliance with 6S standards
- Created an HTML5 cross-platform mobile application including map search and barcode scanning
- Incorporated innovative solutions regarding safety and quality within assembly

Projects

Faction Wars   **June 2016 – March 2017**

- Developed a game-mode written in Lua for the popular video game Garry's Mod
- Collaborated with a team of 10 others, contributing more than 16,000 lines of code with over 180 commits
- Completed in 2017 and available for download at github.com/KragleStudios

AdminMe   **February 2018 – September 2018**

- Designed an administration system for the popular video game Garry's Mod featuring both in-game and web interfaces, along with database saving through SQL
- Programmed in-game portion through Lua allowing for advanced administration techniques and intuitive functionality
- Utilized HTML & CSS, JavaScript and PHP to develop a web platform featuring customization with planned implementation of direct server communication through sockets
- Currently being overhauled to improve ease of use, functionality, and design

Leadership and Activities

Memberships

ACM@UC (January 2018 – Present)

- Secretary (May of 2018 – Present)

RevolutionUC, Hackathon Organization Team (January 2018 - Present)

- Logistics Lead (2018, 2019)
  - Facilitated team meetings to plan all aspects for day of event execution
  - Communicated goals and expectations of assigned tasks to team members
  - Organized and successfully executed Cincinnati's largest student ran hackathon with over 300 participants each year

ACM-W (August 2018 – Present)

UC Alliance (August 2016 – Present)

Availability

Available for co-op on alternating semesters beginning Fall 2019