Greater Chicago Area
(815) 714-3926

# Jacob Morrow

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github.com/Morrow98J

## Skills

- Technical Skills: Python, HTML + CSS, JavaScript, Computer Hardware
- Skills: Object-Oriented Programming, Data Structures, Web Development
- Tools: Git, VSCode, MySQLWorkbench, Robo3T, Jenkins, Jira, Confluence

## Education

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|---|---|---|
| **Champaign, IL** | **University of Illinois: Urbana-Champaign** | **Aug 2016 \| May 2020** |

- B.S. in Psychology. GPA: 3.08

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|---|---|---|
| **Corvallis, OR** | **Oregon State University** | **June 2020 \| Present** |

- B.S. in Computer Science. GPA: 3.61

## Projects

- **Focus Board Game** (https://github.com/Morrow98J/Focus_Game) Command-line playable implementation of the board game Domination, DE: Focus. Game is playable with two players and instructions are included within the readme. Python, VSCode
- **Harry Potter Analysis** (https://github.com/Morrow98J/Harry_Potter_Analysis) Data Science NLP program that cleans and detects proper nouns using NumPy for data visualization within Matplotlib. Python, NumPy, Matplotlib, Jupyter
- **Web Portfolio** (https://morrow98j.github.io/Web_Portfolio) Web-based portfolio showcasing front-end and back-end web development stylized with Bootstrap and the Nord theme. HTML + CSS, JavaScript, Bootstrap
- **Low Level IO** (https://github.com/Morrow98J/Low_Level_IO) Assembly language implementation to get 10 signed 32-bit integers to be converted back and forth between ASCII and SDWORD to display its sum and the rounded average. MASM Assembly, Visual Studio 2019

## Experience

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|---|---|---|
| **Support Engineer** | **PriceSpider** | **Jun 2021 – Present** |

Irvine, CA
- Respond to implementation issues in HTML + CSS and resolve them according to internal service level agreements
- Diagnose root cause of bugs in JavaScript and C# to minimize recurrence of ongoing issues
- Investigated and resolved SQL and MongoDB data propagation issues
- Participates in code reviews with team members in multiple departments

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|---|---|---|
| **IT Software Support Analyst** | **hummingbot.io** | **Mar 2021 – May 2021** |

Mountain View, CA
- Deployed and tested automated cryptocurrency trading bots with Docker
- Performed database administration with MySQLWorkbench and Jupyter-Lab
- Programmed additional functionality into Jupyter Notebooks in Python
- Revised and created pull requests for internal documentation