**Jay Snellings**

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**EDUCATION**

**Colorado State University** August 2020 – May 2024

*Bachelor of Science – Computer Science* 3.33 GPA

**TECHNICAL SKILLS**

* Technology used: Proficient with object-oriented programming in Java, C++, and Python; with working knowledge of JavaScript, C#, SQL, HTML, CSS, and ReactJS.
* Process tools used: Visual Studio Code, Linux, Git, GitHub, Unity, Maven, NPM, JUnit, Code Climate, Jest, and Postman.
* Experienced with Scrum/Agile methodologies and continuous integration using GitHub Projects, ZenHub, and Jira.

**PROJECTS**

**ChatGPT Recruiter Tool for PeerSource**

* Independently created a Python script that used ChatGPT to evaluate applicants’ suitability for a position on a scale of 1-10, resulting in significantly improved recruitment efficiency by automating much of the pre-screening process.
* Delivered a working prototype tool three days after being asked if such a project could be completed with my skillset.
* Worked cross-functionally with recruiters to gather project requirements, refine system scoring accuracy, test tool functionality, and incrementally add features to the tool resulting in a reduction in the amount of time spent pre-screening.
* Saved over $30,000 by developing this tool in-house instead of outsourcing to a consulting company.

**Web Chess Game for Object-Oriented Design Class**

* Using Scrum methodologies with a team of classmates, collaboratively gathered requirements from a customer conversation and translated those requirements into epics and user stories for a web chess game.
* Engaged in designing and redesigning domain and class model diagrams as well as UI.
* Learned to iteratively design, refactor, redesign, and develop our solution while considering new concepts like coupling, cohesion, and design patterns to redesign throughout the software development lifecycle.

**Company Management System for Software Testing Class**

* In a Scrum development environment with a team of classmates, continually integrated and rigorously tested a Java system that allows a company to manage its projects, workers, and worker qualifications through a web application.
* Took on a leadership role, organizing the team’s efforts by setting up and maintaining tasks on a GitHub Projects Board, setting up meetings to keep the team on schedule, and tackling difficult coding tasks to provide scaffolding for teammates.
* Employed manual and automated software test generation strategies and tools, including JUnit, PMD, SpotBugs, Randoop, and EvoSuite to ensure robust and quality code.

**WORK EXPERIENCE**

**Data Analyst at PeerSource** August 2019 – Present

* Developed a custom macro to assist in creating and efficiently managing thousands of candidate profiles in the applicant tracking system, significantly reducing data entry time.
* Spearheaded the creation of the ChatGPT Recruiter Tool detailed above, which streamlined the pre-screening process.
* Showcased flexibility and willingness to learn new skills to produce expedited solutions.

**Food Service Worker at CSU Dining Hall** September 2020 – January 2021

* Demonstrated ability to manage academic and work responsibilities while simultaneously working at PeerSource.

**Customer Service Associate at Walgreens** October 2018 – August 2020

* Transitioned from high school athletics to part-time employment, demonstrating a commitment to personal growth.