

Jacob Pugsley

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Dear hiring manager,

I am interested in a software development position starting this summer. I want to work on a software team that values my skills and experience and is willing to help me improve my skillset. I enjoy software development because it allows me to be creative while solving complex problems, and I can learn new things all the time, even when using tools that I believe I have mastered.

My experience in languages such as Java, JavaScript, Python, and C make me an excellent fit for any software development position. I have been involved in many large projects which utilize those languages and I feel very comfortable working with them and learning more about them. Independent of the languages, I am also knowledgeable in a variety of algorithms and high-level concepts like data structures and artificial intelligence. Additionally, I am not afraid of group work, having participated in several large team projects throughout my education. Two prominent examples of this are my HP device simulator project in which my group of five students worked with HP to design a web interface for one of their internal tools and my game design project in which my group of three designed a 2D RPG in the style of Gauntlet from the ground up. In both projects I was expected to communicate with group members and take ownership of my own tasks to build a strong system, and I believe I excelled in that role.

Many of my larger projects have involved a decent amount of web development. I have lots of experience using tools ranging from basic HTML/CSS to complex JavaScript libraries such as jQuery and Vue. Web development is interesting to me because it allows me to push the boundaries of what is possible with the various tools that are out there. One of my favorite web development projects was my Simple FishBase search engine which interacted with a database of aquarium fish species to provide information on caring for them in a visually interesting form; to this end I designed a variety of features which improved user experience over the existing database. I enjoyed this project as well as other web development projects I have done because they allowed me to work on not just the development of features but the visual presentation of those features as well.

In closing, thank you for your time and consideration. Working on your software development team will be a great opportunity to use my skills to design real-world software that will be used by millions of people. I hope to hear from you soon, and I will be happy to follow up on any questions you may have regarding my qualifications for your open positions.

Sincerely,

Jacob Pugsley