

Riley Payung

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ePortfolio About Me

My name is Riley Payung. My background is in computational and data sciences as well as computer science and computer game design. I am currently employed as a data science intern at Cardiology Associates of Fredericksburg and am engaged to my soon-to-be wife Peyton. In most previous history, I have worked in the healthcare field and government contracting field, where I worked as an intern with a focus on computer science. My main interest is programming in low-level languages, primarily focusing in C/C++ doing work in game engines and modeling/simulation techniques.

Since I am a data scientist, I have also been working with some machine learning techniques, and primarily during this summer I am working on my skills in image processing. I have found it quite interesting where my coursework has landed me at this current moment, because if I were asked what I thought that I would be working on when I began university, I would say that I would be working on an extremely complex video game that would take years to develop; later I realized that was very naïve.

As of right now, I do not know what my future will bring me; however, I do hope that it lands me somewhere near water or programming in the game design industry. I am a SCUBA diver, swimmer, and avid beachgoer, so water has been around me my entire life. If there was a job in which I could program a videogame while SCUBA diving, I would take it in a heartbeat. While that doesn't really make sense, it does create some interesting ideas of promoting ocean cleanup using video games as a medium for promoting the idea of cleaning the ocean or researching ways to clean the ocean through machine learning or artificial intelligence. Both things are very viable to my career and my life.