

I'm a backend programmer with over 16 years of experience. I am interested in low-level systems programming.

In 2005 I graduated from the University of Calgary with a B.Sc. in Computer Science and a concentration in computer game programming. I then pursued game development at Electronic Arts, an opportunity that gave me ample experience dealing with very large organizations and software systems, supporting and extending legacy systems, and communicating effectively across multiple teams.

For the majority of my career I have been a backend web developer, primarily using the Ruby programming language; sometimes with the Ruby on Rails framework. I have developed a reputation among my peers for having in-depth technical knowledge of the systems I have worked on and for being able to clearly communicate with stakeholders. My peers have often relied upon my experience and advice to drive technology. I've helped design web application architectures, although my skills are much stronger on technical implementation than on design.

Recently I've been working in what is colloquially called "devops", the responsibilities of which are varied and inconsistent. I work with AWS, Kubernetes, Helm charts, various CI/CD build systems, Docker, application software and more. The focus has been on enabling developers to do their jobs more effectively while simultaneously working to improve the reliability and security of our application.

I am excited by systems programming. I write graphics renderers and retro video game system emulators for fun. My hope is that I can transition into a systems programming role, marrying my passion with my profession.

Sincerely,

Aaron Oman