

# Clayton Seelenmayer

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## Objective

I'm a software engineer seeking to apply my skills in a collaborative agile environment. I'm passionate about improving internal tools, supporting end-users, and rendering graphics. Please visit my portfolio for more at <https://seelenmayer.github.io/>.

## Education & Achievements

- VIU Bachelors of Science (double majored in computing science & mathematics).
- VIU Fundamentals of Engineering certification.
- VIU Proficiency in Language and Culture Program (Japanese 日本語 Concentration) certification.

## Employment History

### **ML56 - VR Developer** (2022/08 - 2024/06)

Developed VR training scenarios, front-end interfaces, web applications, databases, and in-editor tools, while also contributing to storyboarding, special effects, quality assurance, and technical documentation. Organized daily standup meetings with artists and testers, and showcased progress reports to investors.

### **SOS Thrift Shop (Society of Organized Services, Parksville) - Shipper/Receiver** (2025/11 - Current)

Managing inventory, testing electronics, and pricing donations for the storefront.

### **Canadian Electric Vehicles Ltd. - E-Commerce and Inventory Control Clerk** (2025/05 - 2025/08)

Managed inventory, invoicing, and e-commerce fulfillment for international freight and hazardous goods amidst US tariff restriction in securing USMCA exemption by declaring aluminum content value and applying criterion B with HTS declaration.

### **Vancouver Island University - Tutor** (2018/09 - 2019/04)

Tutored in programming, web development, data structures, algorithms, relational databases, graphics, operating systems, multi-threading, networking, and compiler development. Assisted with calculus, linear algebra, and discrete mathematics.

### **Max's Mushrooms - Swamper** (2012/08 - 2022/08)

Contacted customers and documented orders. Loaded and organized pallets for optimal delivery efficiency, maximizing capacity while ensuring quality control. Delivered produce across regions, from Chilliwack to Port Alberni and Victoria.

### **French Creek House - Prep Cook** (2013/05 - 2022/08)

Prepared and served meals, maintained a clean and organized kitchen and bar, and assisted with dishwashing as needed. Supported banquet service in the upstairs kitchen.

## Familiar Technologies & Skills

- **Programming & Scripting & Markup Languages:** C++, C#, C, JavaScript, Bash, SQL, HTML, CSS, LaTeX, Lisp, LEX, YACC, Verilog, PHP, Python.
- **Graphics Development:** Unity, Unreal, OpenGL, Godot, Blender, GIMP, Shader Programming, Generative Design.
- **Version Control and Office:** Visual Studio, Vim, Git, GitHub, Perforce, Atlassian (Jira, Confluence), Odoo, Google Suite, Slack, Discord, Microsoft Teams, Overleaf.
- **Mathematics:** Computation Theory, Linear Algebra, Graph Theory, Discrete Math, Calculus, Differential Equations, Statistics, Number Theory, Error Correcting Codes, Topology
- **Communication:** Public speaking (product reveals, technical presentations, tutorials), project management (task delegation, team coordination, quality assurance), technical writing (documentation, tutorials, reports), social media management (public engagement, internal organization).
- **Creativity:** UI/UX design, problem solving, musical, artistic.