

Ian Ruotsala

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Education

The Evergreen State College, 2008 to 2011

- Bachelor of Science in Computer Science
- Significant Class Work:
 - Linux kernel programming and optimization
 - Multiple platform operating system training
 - Created airport simulator using Java object-oriented programming
 - Used Natural Language Toolkit for computational linguistics
 - Learned computer science fundamentals including: runtime complexity; algorithms and data structures; introductory number and graph theory
 - Learned fundamental software development tools such as version control and IDEs

Edmonds Community College, 2005 to 2007

- Associates Degree in Chemistry
- Significant Class Work:
 - Organic compound composition and synthesis – practical and conceptual
 - Physical chemistry fundamentals and concepts
 - Planned, implemented, and documented lab experiments in Organic and General Chemistry
 - Drew inferences and wrote reports from data collected during experiments
 - Gained practical exposure to the concepts underlying the scientific method - testable hypotheses, reproducibility

Technological Proficiencies

Languages: Java, Python, C, UnrealScript

Web Technologies: JavaScript, HTML, CSS

Systems: Linux (including Ubuntu, Debian), Linux command line and shell scripting, Windows (including XP, Vista, 7)

Game Engines: Unreal, Unity

Developer Tools: vim, Subversion, Eclipse, IDLE

Experience

HCL, July 2015 to present, Game Tester

- Ran test cases on production software
- Documented bugs

Lionbridge, August 2011 to June 2012, Internet Assessor

- Evaluated search engine query results
- Inferred cultural framing of user search requests
- Validated ranking of search results based on user intent (e.g. purchasing, information, navigation)
- Learned valuable time and self-management skills