



Hannah Madland

Software Engineer

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OBJECTIVE

Highly motivated, computer science graduate seeking a challenging position in the field of software engineering. Enjoys working both as a team member as well as independently. Self-starter who applies individual initiative and excellent communication, organizational and analytical skills to get the job done.

EDUCATION

B.S. Computer Science, Western Oregon University.

SEP 2015 - JUNE 2018

Minor: Writing

Honors: Graduated *Magna cum laude*

SELECTED COURSEWORK AND SKILLS

- **Senior Project (Software Engineering I, II, and III):** C#, ASP.NET MVC 5, SQL, LINQ, Azure, Disciplined Agile Delivery, Git, HTML 5, CSS 3, JavaScript, JQuery
- **Programming Languages:**
Python, Haskell,
ANSI C
- **Information Management:**
SQL Server, SQL,
relational databases
- **Open Source Software Development**
- **Dynamic Systems Simulations**
- **Algorithms**
- **Data Structures:** C++, QT Creator
- **Discrete Mathematics**

EXPERIENCE

Senior Project: Group – Sneaky Software

JAN. 2018 – JUNE 2018

Worked with student team to design and build an ASP.NET MVC 5 web app hosted on Azure for live action Elimination-based games. The Elimination Framework and API allows for a host to register, create games, set rules and invite other players. All code and documentation are available on my bitbucket.

Senior Project: Individual – Paranoia

JAN. 2018 – JUNE 2018

Designed and built Paranoia, an Android mobile app written in Kotlin using Android Studio. Paranoia utilizes the Elimination Framework's API to allow

players to eliminate their target via photo recognition by snapping their photo.
All code and documentation are available on my bitbucket.

Petco, McMinnville, OR - Cashier

MAY 2016 – SEPT. 2017

Duties included cashiering, maintaining the store's visual appeal, and working with fellow staff to insure animal safety and customer satisfaction.