PHILIP WARTON

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Driven, curious, and hard-working student, who loves computers, statistics, and anything mathematical. Seeking opportunities to push my practical skills and challenge myself intellectually.

# WORK HISTORY

06. 2019 – 09. 2019 Blackberry Cylance

**Data Architecture Intern – Database structure and maintenance**

* Worked on automating data synchronization across geographic regions using cloud tools
* Learned about agile development cycle
* Worked with various tools such as AWS Lambda, Amazon S3 Buckets, C# and Visual Studio, Microsoft SQL Server, MySql, and Amazon Aroura Databases

# EDUCATION

09. 2018 – PRESENT Oregon State university

Majoring in Mathematics and Minoring in Computer Science

* 3.80 GPA
* Expecting to graduate in 2022
* Member of Math Club and ACM Club

# SKILLS

**Programming/Tools** **Amazon Web Services**

* Lambda Development
* S3 Buckets
* Building RDS Databases (MySql/Aroura)

**C#**

* Object Oriented Programming and Design
* Data Handling, SQL Interaction, and AWS Integration

**R**

* Employing statistical methods such as multiple linear regression, plotting data, model checking, and hypothesis testing

**Other**

* About 8 months working with C++ in an object-oriented environment for schoolwork
* Basic familiarity with linux, git, and working within larger codebases
* Using Python for some statistical work, scripting, as well as some competitions

**Math** **Working Knowledge of the Following Mathematical Subjects**

* Single and Multivariable Calculus
* Linear Algebra
* Group and Ring Theory
* Various Numerical Methods
* Differential Equations
* Advanced Methods of Data Analysis (Statistics | Model Checking, Two Way ANOVA, Multiple Regression)