

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 Minorng 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)