

# 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

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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

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09. 2018 – PRESENT

### OREGON STATE UNIVERSITY

#### B.S in Mathematics and Statistics, Computer Science Minor (in progress)

- 3.71 GPA
- Excelling in upper-division statistics courses

## SKILLS

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### 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

- Basic programming in C/C++ for introductory computer science courses
- Using Python for some statistical work and scripting as well as doing coding challenges

### Math

#### Taken

- Single and Multivariable Calculus
- Vector Fields and Vector Calculus
- Applied Differential Equations
- Advanced Methods of Data Analysis (Statistics | Model Checking, Two Way ANOVA, Multiple Regression)

#### Currently Enrolled

- Linear Algebra
- Discrete Mathematics