

Kyle Williams-Smith

Informatics, Coding, Problem Solving

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Objective: A hardworking, enthusiastic, studied computer programmer and problem solver looking to develop industry skills in programming while working with motivated and passionate teams

Education

2014–2018 **Informatics**, University of Washington, 3.38.

2012–2014 **Running Start**, North Seattle College, 3.99.

Experience

Teaches Java *Winter 2015-Current*

- Teach Java basics and OOP principles
- Classes of 25+ students
- 100+ Hours spent explaining key concepts to diverse and varied student base

Group Programming in C *Summer 2016*

- Orthogonal programming experience
- 10 Weeks using C, Git, Linux, Micro-controller
- Coded IR sensors, motors, kernel modules, LCD displays

Big Data App *Autumn 2015-Current*

- R Shiny programming with packages, interacting with external web services
- Developed in team over 2 quarters
- Implements faster and more accurate method for regression over huge datasets

Salesforce Migration *Spring 2016*

- Research business uses of popular CRM
- Orchestrated 4 members in 8 week project
- Presented 16 page document on recommendations for taking full advantage of new database

Technical Skills

Java **Advanced**

Web **Advanced**

R **Intermediate**

Python **Intermediate**

C/Linux **Basic**

SQL **Basic**

Inheritance, OOP, Data Structures, hashing, graphs, sorting

HTML, CSS, PHP, Javascript, XML/JSON parsing

Statistical Programming, Data analysis, Extending R with packages

Programming with APIs as well as for data analysis

Linux Module, C Programming, Microcontrollers

Queries, constraints, procedures, functions