Philip Stephenson IV

http://www.philipiv.me/, https://github.com/philip-iv/

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Education

Drexel University   Philadelphia, PA
Bachelor of Science in Computer Science   Anticipated Graduation: June 2020
Cumulative GPA: 3.58

Honors

Dean's List, Drexel University, Winter 2015   A. J. Drexel Scholarship, Drexel University, 2015-17
Fourth Place, National Personal Finance Challenge   National Merit Finalist

Skills

Java, Python, C++, Visual Basic, Bash, JavaScript, PHP, R   HTML, CSS, XML, JSON, YAML, TOML, MySQL, MongoDB
Eclipse, IntelliJ, PyCharm, Visual Studio, Travis CI   Spanish

Relevant Coursework

Linear Algebra   Multivariate Calculus   Advanced Programming Tools & Techniques
Differential Equations   Optimization Theory   Physics I, II, III

Experience

<u>Freelance Developer</u>   Online
                                                                                          March to September 2016
- Turned client requests and ideas into design specifications that met expectations while remaining in budget
- Implemented specifications as Java plugins to fulfill specifications in a timely manner
- Used online issue tracking and collaboration apps to maintain accountability and provide updates
- Maintained personal development server via Amazon Web Services to host code and demonstrate plugin functionality

Projects

<u>Project Korra</u>   Online Project
Senior Developer   June 2014 to June 2016
- Collaborated with rotating international team of developers to keep timely release schedule
- Maintained and improved large Java codebase to better follow OOP concepts
- Assisted junior developers via code review and programming exercises to increase their knowledge
- Shared and managed code via github using an agile development model

<u>UniqueTV</u>   Personal Project
Developer   March 2016
- Designed and implemented Python program to create custom "TV channels"
- Wrote XML specification and associated parsing code for channel formatting
- Utilized VLC library for video playback

<u>CollegeHousing</u>   Drexel University
Backend Developer   January to June 2016
- Designed server stack based on CentOS, Nginx, MySQL, and JavaScript to handle dynamic web app
- Coded custom Python MySQL to JSON parser in Python to provide data to the app via internal API

Leadership

<u>GPS Theater</u>   Chattanooga, TN
Stage Manager   August to November 2013, 2014, January to April 2015
- Managed technical team of ten other students and supervised cast of over 50 actors
- Programmed and ran sound and lighting boards
- Designed, built, and installed set pieces to production specifications
- Coordinated with department heads, school officials, and parent volunteers