

Lucas Stevenson Wood

San Diego, CA 92127 • (858) 775-1566 • lwood@smu.edu

Website: www.LukeWoodCS.com (Must include www)

Education

- Southern Methodist University - Dallas, Texas GPA: 3.45
Major in Computer Science Expected Graduation: May 2018
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Work Experience

San Diego Regional Economic Development Corporation San Diego, CA
Summer Intern May 2015-August 2015

- Worked on a HTML template in Mailchimp for the weekly newsletter
- Researched recent changes in the local sectors of tech and life sciences

The League of Amazing Programmers Carmel Valley, CA
Assistant Teacher May 2015-August 2015

- Taught a programming class to youth students on creating interactive applications using the Java programming language
- Introduced youth students to computer programming material

Mathnasium Carmel Valley, CA
Tutor May 2015-August 2015

- Taught up to four kids at a time, ranging in ages from 6-16, topics ranged from basic addition to second year algebra
 - Passed an entrance exam to prove mathematical literacy
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Research

Data Mining

- Worked under Michael Hahsler to create a program to visualize an R program
 - Allows for the analysis of large databases, drawing and displaying correlations
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Skills

Programming

- Object Oriented: Java, C++, C#
- Web Development: Javascript, HTML, CSS, PHP
- Other: Arduino, R, Python, Unix OS (Command Prompt), RSA Cryptography

Mastered Software Programs: Mailchimp, Microsoft Word, Excel, Powerpoint, GitHub, Inkscape (Laser Cutting), SolidWorks (3D Printing), R Studio, Eclipse, Microsoft Visual Studio

Projects

Online Java Game

- Multi-threaded Server and Client written in Java
- Use of Socket and ServerSocket class for networking

AI Library

- Works by drawing correlations between different actions and "fitness"
 - Over time calculates an effective set of actions to perform to complete tasks
 - Widely flexible
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Examples of Code on Website and Github