jamesandreou

Software Engineer

contact

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languages

Java, JavaScript, C++,
HTML5, C, Python

technology

NodeJS, React, Android,
SQL, Boost, Git, JQuery

education

University of Waterloo   (Sept 2013 - May 2017) Waterloo, Ontario
Candidate for **Bachelor of Computer Science** (**BCS**),
Software Engineering Option, Combinatorics and Optimization Minor

projects

Graph Planarity Tester
- Solely created a web app to display and manipulate graphs
- Ability to test if a graph is planar and compute a graphical planar embedding, or find a K5/K3,3 minor proving the graph is not planar

Beugo the Blob
- Developed an android arcade game implementing soft body physics algorithms to emulate blob bodies
- Additional features include different difficulties, interactive tutorial, level system and much more

WLP4 Language Compiler
- Created a compiler for a subset of the C++ language called WLP4
- Implemented tokenizer, lexer, code generator for main features of C++

View projects at: www.jandreou.com

experience

Web Developer (2015)
- University of Waterloo Actuarial Science club web engineer
- Overhauling the website to modern mobile and html5 standards

York Downs Landscaping (2014)
- Opened/closed shop, set up deliveries, and assisted clients

Computer Science and Math Tutor (2012-2013)
- Tutored high school students struggling in all levels of math
- TA for grade 11 computer science class as a grade 12 student

awards

Highest Computer Science Mark
- Awarded for achieving the highest computer science mark in my grade 12 year

extracurriculars

Rugby
- Senior boys rugby champions with an undefeated season

Computer Science Club
- Member of Computer Science Club at University of Waterloo

Actuarial Science Club
- Executive (web developer) of Actuarial Science Club at University of Waterloo