MAX KNUTSEN

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EDUCATION

University of Maryland Baltimore County, Baltimore, Maryland
Bachelor of Science in Computer Science, GPA: 3.2
Expected Graduation: May 2016
McLean High School, McLean, Virginia
Advanced Diploma, GPA: 3.6
Graduated: June 2013

RELEVANT COURSEWORK

Intro to OOP with Java	Data Structures	Programming Languages
Discrete Mathematics	Multivariable Calculus	Linear Algebra

SKILLS

Languages/Software   Eclipse, VIM, Git, Emacs, Unix/Putty, Java, C++, C
Operating Systems   Windows (XP, Vista, 7, 8), Ubuntu, Linux Mint

PROJECTS

Boggle   **September 2013**
Implemented a trie and hash table to quickly search through the dictionary. Used Java to create a responsive and intuitive Graphical User Interface for the classic board game.
Connect Four   **January – May 2013**
Utilized a Minimax tree to traverse five layers of potential moves and minimize the potential worst case scenario. Created an artistic GUI in Java with animations and sound effects, as well as several menus.

WORK EXPERIENCE

TIC Summer Camp – Robotics Counselor – McLean, Virginia   **Summer 2012 & 2013**
Instructed children between the ages of 6 and 16 on design concepts as well as programming in Lego Mindstorms and RobotC.

COMMUNITY SERVICE

Falls Church – McLean Children's Center – Volunteer – McLean, Virginia   **June 2009 – June 2013**
Assisted staff with organizing activities, serving meals, and overall supervision of pre-kindergarten children.

EXTRACURRICULAR ACTIVITIES

Retriever Robotics – Lead Programmer, Small Bot	**Information Systems Council of Majors** – Member
Council of Computer Majors – Member	**iCubed** – Member