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# Education

Undergraduate In Computer Science And Philosophy – University of Maryland, Baltimore County – May 2017

# Skills

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| **Java**   * Expert in Object Oriented Languages * Mentorship with students on fundamental programming concepts * Designed applications to use throughout internships and personal life * [DocParse](https://github.com/TommyCTran/Work-Projects/tree/master/DocParse) - Java Utility script to search through document(s) in order to find white-spaced information quickly and place the data into an array to be used in an output document. The searches are to find information followed by keywords and quoted text | **Python**   * First language to be learned, I have an understanding of all Object Oriented Languages fundamental concepts through python * Utilization of Data Structures * Designed personal and school projects from python * [Rocket Acceleration](https://github.com/TommyCTran/School-Projects/tree/master/Rocket%20Acceleration) - Basic computation with physics and mathematics to derive the height and acceleration of a rocket |
| **C/C++**   * Throughout the course of the Computer Science Degree, C and C++ was utilized as the core language to learn basic and advance programming concepts * Created Data Structures and Algorithms | **HTML / CSS / PHP / JavaScript**   * Took part as an intern in various companies that required me to design and maintain their website * Understanding of frontend and backend web development * [Personal Website](https://tommyctran.github.io) - In order to highlight my abilities in Web Development, I created web pages that allows for all of my work to be shown |

# Work Experience

Advising Project – University of Maryland, Baltimore County – Hilltop Cir, MD - Aug 2015 – Dec 2015

[Advisor Project](https://github.com/TommyCTran/School-Projects/tree/master/Advising%20Application) - To complete an assignment involving creating a website that assisted with advising students. This project provided me with an opportunity to work with a group of developers. This experience allowed me to experience many real world problems that come up when developing as a team. We were able to understand how to develop as a team and passed the course learning not only the programming languages but also what it takes to become a software engineer.

Cyber Pack Ventures – Waterloo Road – Columbia, MD – Jul 2016 - Present

* Created and maintained large databases
* Designed scripts and application in order to search and parse data
* Advertised the interest of Cyber Security through multi-media and social networking sites

MINDlab – University of Maryland, College Park – College Park, MD – Nov 2011 - Mar 2012

* Maintenance of the Web Portal that allowed access to the applications
* Assisted in finding erroneous code throughout projects
* Working independently although workload was shared

Vis art Design Center – Gibbs Street –Rockville, MD – Nov 2010 - Mar 2011

* Promotion of interest of the company and clients through multimedia design
* Providing assistance in animation and web development
* Took part in experiencing an industry involved in Graphic Design

# Activities

VSA – Executive Board Vice President of the Vietnamese Student Association at the Baltimore County – 2015  
Hackathon – HackUMBC, BitCamp, HackPrinceton, MedHack