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| **Education** | | | | | | | |
| **Purdue University**  Bachelor of Science in Computer Science  Bachelor of Science in Mathematics  2019 Purdue Summer in Sydney Study Abroad  Spring 2019 Semester Honors | | | | ***Expected 2022***  ***GPA: 3.38*** | | | |
| **Technical Skills (0 Learning – 10 Mastery)** | | | | | | | |
| **Languages:**   |  |  |  | | --- | --- | --- | | * C (9) | * C++ (9) | * C# (9) | | * Bash (9) | * Java (8) | * HTML & CSS (7) | | * Markdown (7) | * Python (6) | * LaTeX (5) | | * FLEX & Bison (4) | * MatLab (3) | * GLSL (2) |   **Technologies:**   |  |  |  | | --- | --- | --- | | * VIM (10) | * Visual Studio (9) | * Linux/Unix (9) | | * Windows (9) | * CLion (8) | * Eclipse (7) | | * Atom IDE (6) | * DirectX 12 (5) | * ASP.NET (5) | | * Bootstrap (4) | * CUDA (3) | * OpenCV (2) | | | | | | | | |
| **Work Experience** | | | | | | | |
| **RDG: Assistant Technical Lead – C# & ASP.NET** ~ 15 hr/ week   * Solved over 60 different issues on the Risque website * Designed new implementation for caching time inefficient information * Gained stronger skills in interpersonal relations | | | | | ***January 2019 – Present*** | | |
| **Projects** | | | | | | | |
| **Shell: Personal Project/Class Project – C/C++**   * Developed a rudimentary shell using C, Lex, and YACC * Updated shell using C++, FLEX, and Bison to automate workflow | | | | | | | ***October 2019 – Present*** |
| **Personal Website: Personal Project – HTML & CSS, Javascript**   * Gained an understanding of HTML & CSS * Purchased and maintained a domain through Google Domains | | | | | | | ***August 2018 – Present*** |
| **Neural Network: Personal Project/Class Project – C/C++**   * Designed and implemented polymorphic neural network program * Learned basic CUDA library functions for hardware acceleration on Nvidia GPU | | | | | | | ***January – May 2018*** |
| **3D-Cube map renderer: Personal Project/Class Project – C/C++**   * Designed simple workflow to view 3D-cubes in First person * Self-taught DirectX 12 API for rendering cubes * Developed stronger time-management skills | | | | ***August – December 2017*** | | | |
| **Relevant Coursework** | | | | | | | |
| **Current:**   |  |  |  | | --- | --- | --- | | * Analysis of Algorithms | * Intro to Cryptography | * Differential Equations |   **Past:**   |  |  |  | | --- | --- | --- | | * Programming in C * Data Structures and Algorithms * Multivariable Calculus | * Foundations of Computer Science * Systems Programming * Linear Algebra | * Computer Architecture * Numerical Methods * Statistics | | | | | | | | |
| **Clubs and Activities** | | | | | | | |
| **B01lers** | | Member | ***September 2019 – Present*** | | | | |
| **Competitive Programming Union** | | Member | ***September 2019 – Present*** | | | | |
| **AITP** | | Member | ***September 2018 – December 2018*** | | | | |