# Anthony **McGaw**

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## Education

**University of Pittsburgh**                                             *Pittsburgh, PA*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE                    *August 2017 – Expected April 2021*
  GPA: 3.44

## Experience

**Homegoods**                                                           *McCandless, Pa*
STOCK ROOM/SALES FLOOR/FRONT END ASSOCIATE                   *November 2015– August 2019*
- Helped customers with any issues and always provided highest level of customer service
- Worked with a team to ensure truck deliveries were unloaded in a timely manner
- Helped managers reach monthly numbers for TJX credit sales
- Contributed to maintaining the stores cleanliness as well as safety

## Projects

**java-assembler**                                                      *Pittsburgh, PA*
JAVA CODE EMULATING FUNCTION OF RISCV ARCHITECTURE                               *2019*
- MIPS style instruction assembler written in java
- Utilizes bit shifting and logic functions to isolate bit sections
- Splits pseudo MAL instructions into the appropriate TAL instruction set
- Calculates correct addresses of each instruction based upon their functions

**BST accurate print function**                                         *Pittsburgh, PA*
SMALL SIDE PROJECT TO PRINT OUT BINARY SEARCH TREE ACCURATELY TO COMMAND LINE    *2018*
- Program takes in text files of numbers or letters in any order
- Program sorts these inputs into an order which will produce a balanced BST
- Outputs BST to the command line in visually pleasing manner

**First-Year Engineering Conference - Swanson School of Engineering**   *Pittsburgh, PA*
"CHEMICAL LOOPING COMBUSTION: A PIONEER PROCESS TOWARDS CLEAN ENERGY"             *2018*
- Co-wrote semester long research paper on the technology of chemical looping
- Submitted drafts at different deadlines throughout the process
- Created detailed presentation and poster to supplement our paper
- Met with peer groups and section chair to exchange feedback and practice presenting
- Presented paper in front of fellow classmates, families, and visiting employers

## Skills

**Languages:**  Java, C, C++, MIPS, MATLAB, Python, JavaScript, HTML, CSS
**Technology:**  Microsoft Office, Git/Github, UNIX, Google App Engine, Photoshop
**Coursework:**  OS(in progress), Web Applications (in Progress), Algorithims, Data Structures, Discrete Mathematics, Computer Organization, Calculus I-III, Written Professional Communication

## Links

**Github:** https://github.com/amcgaw07
**LinkedIn:** https://www.linkedin.com/in/anthony-mcgaw-879452192