

PROFILE AND HIGHLIGHTS OF QUALIFICATIONS

- Result driven, strong believer in creative thinking to come up with optimal solutions to meet long and short term goals.
- Focused on practical benefits of learning so that it is more effective in problem solving.
- Challenge driven to achieve goals that well beyond comfort zone for purpose of learning and creativity.

EDUCATION

University of Maryland, College Park, MD
2018

Graduation Date: May

Bachelor of Science in **Computer Science**, Minor in **Statistics**

COURSE WORK

Programming Algorithms	Discrete Structures	Organization of Programming Languages
Applied Probability and Statistics I/II	Statistical Computing with SAS	Advanced Calculus
Music Appreciation	Philosophy	

TECHNICAL SKILLS

Programming Languages: Java, Ruby, Python, C/C++, SQL, Assembly, Rails
Software: Excel, SAS, R-Studio
Operating Systems: Unix/Linux, Windows

ACADEMIC PROJECT WORK

Wordnet

Created a ruby program that takes and groups words into sets of synonyms called synsets and describes semantic relationships between them. Then creates a graph representation using hypernyms that connect the synsets together. Finally, created a command parser that that can recognize commands through terminal and allow you to perform operations and get responses from the ruby program.

Prolog maze

Created a program in Prolog that allowed me to take complicated mazes and implement functions in prolog that could be used together to find solutions to these mazes.

Parser and Interpreter

Used SmallC and OCAML to parse SmallC code and write an interpreter for the parser that I wrote. The interpreter takes the parser and uses the interpreter to represent the data as an Abstract Syntax Tree.

WORK EXPERIENCE

Campus Intramural Sports, University of Maryland
Referee

8/2016 – Present

- Instrumental in enforcing fair gaming conducts by monitoring players and providing feedback.
- Solve disputes and challenges using rational and constructive argument so that focus is on the game instead of disagreements.
- Part of the decision-making team that resolves disputes upon challenges and foul plays.
- Routinely contribute to revision of local rules and maintaining policies to keep games fair and honest.
- Learned valuable lesson of considering all sides of situation so that focus is on progress.

Gulf Gas and Grocery Mart, Horsham, PA
Shift Manager

6/2012 – 8/2014

- Managed sales and operations of gas station and grocery mart to make sure business was running efficiently.

- Managed two shift employee schedules and payroll.
- Developed inventory model in Microsoft Excel to better track and maintain inventory on monthly basis to efficiently use funds for active inventory and move inactive inventory quickly.
- Working with owner to perform inventory survey and replenishment by routine and seasonal adjustments.
- Communicated with consumers of benefits of our products and managed their experience to better serve them.
- Maintained customer relations to assure their satisfaction and steady patronage.
- Learned importance of working with others where compromises are important for moving forward and continuing what matters to business and employees. Finding win-win solutions so it benefits everyone.

Kumon Math and Reading Center, Horsham, PA

8/2011 – 10/2014

Instructor/Tutor

- Helped students of all ages with improving proficiency of math and reading by providing steady tutoring.
- Guided students of elementary math to calculus to use better techniques so solve math problems so that they can perform more accurately and in expediently.
- Graded homework and classwork, and provided feedback to help students improve their skills.
- Helped parents better understand their child's performance by consulting and providing constructive feedback regarding period evaluation.
- Helped supervising instructor with grading and logging student performance data in proprietary system and Microsoft Excel.
- Learned importance of working with those who may not have same level of understanding or same method but finding common way of getting this done.

EXTRA CURRICULAR

- Bitcamp Hackathon
- Asian Student Association
- Do Good challenge: A group of people and I organized an event where we raised money for charity. Our specific event was a fundraiser at Chipotle where for a couple hours, a percentage of sales went to the charity that we picked.