






Shad Khan

Student pursuing software engineering internships

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Work Experience

Technical Services Intern – General Dynamics IT

June – August 2018

- Developed the frontend of internal FUSE sites in **SharePoint** with **HTML/CSS**, and documented my code to clarify and explain my work
- Presented deliverables such as finished websites and communication procedures to project managers and site leads
- Used **Agile** Methodology to plan and execute tasks on projects

Resident Assistant – UMD Department of Residence Life

June 2018 - Present

- Leading and shaping an environment that supports community, academic, and personal development
- Taking primary responsibility for responding to the personal needs of 40 unit residents
- Managing administrative tasks, duty and crisis management

Projects

SmallC Parser & Interpreter - Spring 2018

Developed a complex **OCaml** program which features a:

- Scanner that takes in **C** language and breaks up keywords into a stream of tokens
- Parser that converts the tokens into an abstract syntax tree
- Interpreter that evaluates **C** expressions and statements

WordNet - Spring 2018

- Used **Ruby** hashes, regular expressions, and a graph
- Created synset & hypernym relationships of a semantic lexicon

Personal Website – Fall 2017

- Designed my own personal website using **HTML/CSS**
- Utilized **Bootstrap** to ensure that my website is responsive

Course - Spring 2017

- Wrote a **Java** program to keep track of teaching assistants
- Implemented interfaces and applied polymorphism to determine TA's identification, department, salaries, and hours worked

Education

University of Maryland B.S. Computer Science Minor- Business Analytics

(Expected December 2019)

College Park, MD

GPA: 3.33

Dean's List Spring 2018

UMD President's Scholarship

Skills

Languages

Proficient: Java, Ruby, C, OCaml, HTML5, CSS3

Familiar: JavaScript, MATLAB

Learning: Python, Docker

Frameworks/Libraries

Bootstrap, jQuery

Tools

Git, Linux (Ubuntu), MS Office, SharePoint, Agile

Classes

Object Oriented Programming

Intro to Computer Systems

Organization of Programming Languages

Algorithms

Data Structures

Intro to Data Science

Full Stack Web Development with Node.js

Digital Product Design