

RAMYA NANDIGAM

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OBJECTIVE

I am an inquisitive, self-motivated Computer Science graduate student seeking intern-level positions that will allow me to expand my engineering acumen, and to apply my theoretical knowledge and skillset to exciting innovative developments within software engineering and related areas.

EDUCATION

Master of Science in Computer Science & Applications Virginia Polytechnic Institute and State University, Blacksburg, VA	August 2018 -
Bachelor of Science in Biomedical Engineering Virginia Commonwealth University, Richmond, VA Minor in Mathematics GPA: 3.5/4.0	August 2013 - May 2017

SKILLS

Programming Languages	Python, Java, MATLAB, SQL
IDEs	Jupyter, Spyder, Eclipse, IntelliJ, CLion
Tools	Amazon Web Services (AWS EC2, AWS EMR, AWS S3)
Methodologies	Object-Oriented Analysis & Design
Software	LaTeX
Unit Tests	JUnit

PROJECTS

Big Data Analysis of Text Summarization <i>Blacksburg, VA</i>	August 2018 - December 2018
<ul style="list-style-type: none">Generated human-readable extractive and abstractive summaries of a large dataset of news articlesImplemented natural language processing techniques using Python libraries such as NLTK and SpaCy	
Undergraduate Research <i>Richmond, VA</i>	December 2016 - May 2017
<ul style="list-style-type: none">Developed assistive technology that improved the standardized testing experience for individuals who are blind or visually impairedCreated a Matlab program that provides effective access to tactile graphics in a highly visual and interactive environment for the user	

COURSEWORK

Data Structures & Algorithms
Database Management Systems
Data Analytics
Big Data Text Summarization
Computer-Aided Engineering (CAE) Design
Computational Methods in Biomedical Engineering
Algorithms in Bioinformatics