

Matthew B. Dang

SOFTWARE ENGINEER

3000 Schubert Drive, Silver Spring, MD, 20904

☎ (+1) 240-676-1289 | ✉ matthewdang96@gmail.com | 🌐 www.mattdang.me | 📺 ItsDang | 📺 matthewbaodang

Education

University of Maryland, College Park

Maryland, USA

B.S. IN COMPUTER ENGINEERING (3.484)

Aug. 2014 - PRESENT

- Awarded the Jeong H. Kim Scholarship which is given to promising students in ECE Dept.

Experience

Turning Point Global Solutions

Rockville, MD

SOFTWARE ENGINEER INTERN

Jun. 2017 - Aug. 2017

- Implemented and automated a shell script to backup MySQL databases.
- Deployed and created application servers to test backup script using Apache, Wildfly and Java.
- Improved bill upload parser in order to reduce fallout and created more specific error messages.

Turning Point Global Solutions

Rockville, MD

SOFTWARE ENGINEER INTERN

May. 2016 - Aug. 2016

- Wrote a query translator that changed table and column names into nondescript name for security purposes using Java.
- Wrote a telecommunication billing parser that output csv files using Java.

Turning Point Global Solutions

Rockville, MD

SOFTWARE ENGINEER INTERN

Jul. 2015 - Aug. 2015

- Produced and revised the online help documentation for a web based application as it developed and gained new functionality.

Extracurricular Activity

Arduino Morse Code

Maryland, USA

CREATOR

Sep. 2017

- Coded a Arduino program to convert and signal a message in Morse Code.

AVL & Splay Tree

Maryland, USA

CREATOR

Aug. 2017 - Sep. 2017

- Built an AVL and splay tree class to apply what I learned in Data Structures.

C Parser & Interpreter

Maryland, USA

CREATOR

Oct. 2016 - Nov. 2016

- Built a small C Parser and Interpreter with OCaml. Using a top down parser to create an AST which was then interpreted.

ToDoList

Maryland, USA

CREATOR

Aug. 2016 - Sep. 2016

- Android application that facilitates as a to do list, created through Android Studio, as a foray into Android Development.

Languages & Coursework

JAVA, PYTHON, SQL, C

ALGORITHMS, DATA STRUCTURES, JAVA PROGRAMMING, INTRODUCTION TO DATA SCIENCE, COMPUTER SYSTEMS

SECURITY, OPERATING SYSTEMS, ORGANIZATION OF PROGRAMMING LANGUAGES, COMPUTER SYSTEMS, DISCRETE

SYSTEMS, DISCRETE MATH