

Michael Younkin

younkin.michael@gmail.com | www.linkedin.com/in/michaelyounkin | 410-707-0956

Education

University of Maryland, College Park

2012–2016

- B.S. Computer Science
- Cumulative GPA: 3.4
- Technology Entrepreneurship Minor

Internships

Amazon.com

2015

- Researched methods to improve machine learning model accuracy.
- Designed and implemented model improvement algorithm running on AWS.

Bloomberg L.P.

2014

- Designed and implemented internal API for OpenTSDB.
- Implemented data visualization and analysis toolkit for services metrics data.

NASA Jet Propulsion Laboratory

2013

- Designed and implemented RESTful API for Mars rover backup data.
- Designed and implemented archived research data visualization system.

Applied Media Analysis, Inc.

2012–2013

- Implemented Arabic text processing system to fix corrupted PDF files.
- Refactored legacy Perl scripts, improving efficiency and reducing maintenance costs.

Other Experience

TA for CMSC330

2015–2016

- Taught Ruby, OCaml, Prolog, Regexp, NFAs, DFAs, CFGs, LL(1) parsers
- Worked with professors to manage curriculum and other TAs

Skills

Best Languages (subject to fluctuation)

Python, Rust, Java, JavaScript, C, Lambda Calculus

Most Knowledgeable In

Low Level Computer Systems, Full Stack Web Development

Tools of Choice

git, (neo)vim, tmux, fish shell

Personal Projects

I work on my personal projects almost every day (in my free time, of course). You can check-out my projects at <https://github.com/michael-younkin>.