Michael Younkin
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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 using AWS resources.

Bloomberg L.P.   **2014**

- Designed and implemented Bloomberg service interface for OpenTSDB.
- Implemented visualization and analysis toolkit using next generation UI technology.

NASA Jet Propulsion Laboratory   **2013**

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

Applied Media Analysis, Inc.   **2012–2013**

- Implemented Arabic PDF data processing engine.
- Refactored existing analysis engine to improve efficiency and maintainability.

Other Experience

TA for CMSC330   **2015–2016**

- Taught Ruby, OCaml, Prolog, Regexps, NFAs, DFAs, CFGs, parsers
- Worked with professors to manage curriculum and lead other TAs

Skills

Best Languages (subject to fluctuation)

Python, Rust, Java, JavaScript, Lambda Calculus

Most Knowledgable In

Low Level Computer Systems, Full Stack Web Development

Tools of Choice

git, (neo)vim, tmux, fish shell

Personal Projects

As of March 6, 2016, I work on personal projects every day. My projects and progress are visible at https://github.com/michael-younkin.