

## Parker Rowland

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<http://www.parkercode.com#about>

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## RESUME

### Education:

Bachelor of Science in Computer Science

University of Mary Washington

expected May 2017

### Work:

Computer Science Intern

Naval Surface Warfare Center Dahlgren Division

May 2016 – Present

IT Department Intern

University of Mary Washington

May 2014 – November 2014

### Experience:

Programming:

- Python
  - Web programming with Flask, socket-io
  - Automata project visualizations
  - Scripting Tikz/LaTeX code
  - Database management
- C
  - Game Boy Advance programming (Computer Architecture class)
  - Linux OS kernel additions (Operating Systems class)
  - Parallel programming with Pthreads, OpenMP, MPI, and CUDA (class)
- Databases
  - Web database programming with PostgreSQL
  - General purpose noSQL databases with Mongo and JSON-related data management
- Web
  - Proficient in creating website interfaces using bootstrap components
  - Angular JS sites, MVC
  - jQuery
- PowerShell
  - General purpose automation and scripting
- C++, Java, JavaScript, PHP, C#, . NET
  - General Experience

Mathematics:

- Theory of Computation
  - Special interest in Turing machines and automata theory
- Calculus

Hobbies:

- Music
- Arduino, Raspberry Pi