Nathan Williams

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EDUCATION

University of Virginia, B.S. in Computer Science and B.A. in Cognitive Science Charlottesville, VA
Cumulative GPA: 3.84 *Class of 2017*
Dean's list Fall 2014 through Fall 2015
Notable courses: Computer Architecture, Algorithms, Internet of Things

Thomas Jefferson High School for Science and Technology Alexandria, VA
Cumulative GPA: 4.33 *Class of 2014*

RELEVANT PROJECTS

Web Development, Automatic Schedule Generator *May 2015*
- Identified potential improvements for the online scheduling tool of 2 peers
- Updated the web service using Python, JavaScript, and HTML/CSS
- Marketed to over 20,000 UVA students and revived site traffic
- http://uvaschedule.me/about

Software Development, Electronic Sign-In System *Sep 2013 – May 2015*
- Approached a local business facing customer frustrations with a solution
- Redesigned software to the specifications of consumers and business leaders
- Conducted maintenance for 1 year post-release as new requirements arose
- Integrated several libraries in a .NET Framework with C# and XAML
- http://tinyurl.com/github-nwilliams

HackTJ Hackathon, Optical Character Recognition (OCR) Calculator App *May 2013*
- Developed a prototype for an Android application on a team of 4

Web Development, Basic Login System *Dec 2012 – Mar 2013*
- Implemented a login system on an Apache Web Server with PHP and MySQL

App Development, Office of Personnel Management (OPM) Status Update *Oct 2011 – Apr 2012*
- Designed and published a Windows Phone 7 app on the Windows Phone Store
- Provided quick access to government status info in an RSS feed using Visual Basic

WORK EXPERIENCE

Assistant Manager, NV Pools, Inc. *Summers, 2011 – 2015*
- Bridged communication among management and lifeguards
- Developed strong relationships with community members
- Resolved conflicts in order to maintain an effective work environment

Assistant Swim Coach, Rolling Valley Swim Club *Summers, 2013 – 2015*
- Aided the development of new skills and fostered teamwork

Private Tutor, Computer Science and Spanish *Sep 2012 – May 2015*

TECHNICAL SKILLS

Programming languages: Python, Java, C++, C#, C *In order of proficiency*
Web development: JavaScript, HTML, CSS
Operating systems: Windows, Linux

LEADERSHIP, TEAM BUILDING, AND VOLUNTEER EXPERIENCE

ACM International Collegiate Programming Contest, Regional competitor *Aug 2015 – present*
Virginia Men's Club Water Polo, Chairman *Aug 2014 – present*
Environmental Resource Club, President *Sep 2010 – Jul 2014*