John Barclay Walsh

804 South Allen Street, Apt. #13
State College, PA 16801

barclay@barclaywalsh.com
www.barclaywalsh.com
Phone: (610) 348-3169

Education

- **The Pennsylvania State University (Cumulative GPA: 3.83)** — University Park, PA
  B.S. in Information Sciences and Technology (4.00/4.00) — *Aug. 2011 – May 2016*
  B.A. in Film/Video Production (3.97/4.00)

Experience

- **PRO-MIC Corporation** — King of Prussia, PA
  IT Systems Administrator and Web Developer — *May 2011 – Present*
    - Redesigned and modernized the company's website; second redesign in progress
    - Designed and programmed an online store using PHP, MySQL, and JavaScript
    - Created video tutorials, product photography, and product literature
    - Performed electronic circuit board repairs
    - Designed and built a fanless, solid state industrial all-in-one computer system
    - Planned and implemented a long-range industrial Wi-Fi network for a client
    - Planned, and maintain three web servers, several workstation computers, and the internal server system
    - Designed and implemented VOIP phone system

- **Easypose / Deskāna** — State College, PA
  Co-Founder / Chief Technical Officer — *September 2013 – Present*
    - Co-founded workplace wellness firm to provide yoga and mindfulness services to local businesses at lunchtime
    - Pilot tested with local startup; failure to grow with previous business model resulted in pivot
    - Developing a new product, Deskāna, which uses an Arduino Uno and Bluetooth LE to facilitate proper posture, sedentary awareness, and stress-relief breaks throughout the workday

- **Alcoa, Inc.** — Pittsburgh, PA
  Global Business Services – Information Services Intern — *May 2015 – Nov. 2015*
    - Developed a product filtering system for the company website using ASP, JavaScript, and SQL
    - Configured and migrated web analytics to Google Analytics
    - Created web-based tools for internal use that helped increase the efficiency of business processes
    - Debugged existing site content
    - Leveraged Instagram API to enrich site content
    - Updated and created content for the company's customer-facing websites
    - Wrote end-user and developer documentation for projects I worked on

- **Brett Sherrick - Graduate Research Project** — State College, PA
  Java Developer — *April 2014 – August 2014*
    - Research project for the Penn State Department of Communications
    - Worked on a small team to develop a Java-based video game using jFrame and Swing

- **NBCUniversal - PBS Kids: Sprout Division** — Philadelphia, PA
  Production Intern — *May 2013 – August 2013*
    - Critical role in production and smooth running of programming on a network with 50 million viewers
    - Production assistant on "The Sunny Side Up Show," a daily live broadcast
    - Broadcasted several childrens' birthday wishes, screened contest submissions, and managed website content
    - Delineated travel itineraries for guests on the show, including The Wiggles

Skills

Languages: Java, PHP, ASP, VBScript, HTML, CSS, JavaScript, jQuery, MSSQL, MySQL, JSON, AJAX, Objective C, C/C++, C#, LaTeX

Notable Projects: The Enigma Club (team-building startup through puzzles and mysteries), Radio streaming app for student-run radio station (The LION 90.7fm), Deskāna (posture-tracking floor desk), MSSQL-driven student clubs website