# A D A M   H A R T Z

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## PROFESSIONAL SUMMARY
• Strong problem-solving, idea-clarification, and requirements-gathering skills
• Energetic team collaborator, ability to quickly pick up new technical skills

## TECHNICAL SKILLS
• Python, including OOP and functional design
• Django, REST API framework
• Data analysis/simulation with Matplotlib, pandas, Scikit-Learn, NumPy, SciPy, IPython Notebook, Excel
• Testing with nose, unittest, pytest, mock
• Regex
• HTML5, CSS3
• Git and GitHub
• Unix, OS X, Windows
• Photoshop, InDesign, Illustrator
• Heroku, Travis-CI
• Familiarity with Bash scripting, AWK, PosgreSQL, SQLite3, XML, XSLT
• Past experience with C, C++, Java, JavaScript, Ruby

## SELECTED EXPERIENCE

**The Iron Yard Academy, Final Project (www.brew-keeper.com)**  Durham, NC
Python Developer  November 2015
  • Invented, pitched, and served as project manager for Brew Keeper, a mobile-first web app for coffee brewers
  • Used Agile development method and Trello to manage project: daily 9AM standups and 5 distinct sprints
  • Developed API, implemented custom logic, token authorization, Heroku deployment, Travis-CI integration
  • Designed mockups for recipe list, recipe view, and "brew it" pages using InDesign and Illustrator

**Duke University Medical Center Department of Anesthesiology**  Durham, NC
Administrative Coordinator  August 2012–October 2015
  • Capture, prioritize, and manage the high volume of projects coming through the Chair's office
  • Coordinate key players to drive departmental priorities to completion (e.g., performance reviews, reports for institutional leadership, compliance issues)
  • Manage faculty promotion process and draft letters of support
  • Edit and proofread departmental communications and documents (e.g., announcements, marketing materials, letters of support, contracts, manuscripts)
  • Create powerful Excel solutions for donation tracking, scheduling, progress tracking, budgeting, and more

**Duke University Press (DUP)**  Durham, NC
Journals Production Coordinator  April 2008–August 2012
  • Completed several technical projects: interactively dynamic PDF forms; reports for division-wide database; XSLT to output NLM-compliant XML metadata from raw InDesign XML; JavaScript-based InDesign scripts
  • Presented InDesign XML-out solution I created at 2010 AAUP meeting as part of conference schedule
  • Simultaneously managed production of up to eleven scholarly journals from manuscript submission through printing/electronic distribution
  • Built and maintained strong long-term working relationships with editorial offices, internal staff, and vendors
  • Provided wide-ranging technical assistance to colleagues and others as needs arose

**David Milling Architects**  Ann Arbor, MI
Office Manager and Marketing Assistant  April 2004–May 2007
  • Created databases using MS Access to fit areas of need that I identified, including managing a complex contact list, office supplies, and resumes
  • Scanned, color corrected, cropped, and digitally enhanced hundreds of slides and photographs for marketing use; created several complex Photoshop actions to efficiently process images

## EDUCATION
**The Iron Yard Academy**  Durham, NC
Python Developer  August 2015–November 2015
  • 70–80+ hours per week, completed all assignments and had highest completion frequency of "hard mode"
  • Data cleaning and analysis with pandas; Monte Carlo simulations; machine learning using linear regressions, Bayesian models, and decision trees (both supervised and unsupervised models)
  • Built 5 complete Django sites—2 of which were APIs; features include: pagination, reducing database query time by prefetching related fields, Bootstrap 3 integration, RESTful API design

**University of Michigan**  Ann Arbor, MI
Bachelor of Science in Electrical Engineering  December 2001
  • GPA: 3.43/4.00
  • Coursework included C and C++