David Li

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Work Experience

IT Service Desk Consultant—Cornell University   *October 2014–present*

- 8 hours per week
- Support various campus services for students, faculty, and staff in person and via email, phone, and chat.

Intern—Continuum Analytics   *June–August 2014*

- Finished an API to Conda, a cross-platform package manager in Python, and ported Anaconda Launcher, a Node.js and CoffeeScript GUI, to a new toolkit

Library Page/Volunteer—Chandler Public Library   *August 2010–December 2013*

- 2-8 hours per week
- Assisted patrons with inquiries, retrieved holds, organized library

Part-time Intern—Thor Solution   *June 2012–February 2013*

- Microsoft Certified Professional; various Dynamics AX certifications

Volunteer Experience & Extracurricular Activities

Open Source Software   *November 2011–present*
SymPy Computer Algebra System (http://sympy.org)

- Wrote integration algorithm for SymPy (`sympy.integrals.manualintegrate`)
- Improved Sympy.org, SymPy Gamma (sympygamma.com), and SymPy Live (live.sympy.org)
- "SymPy Gamma and SymPy Live: Python and Mathematics Online" presented at 2013 SciPy Conference, Austin, Texas

Basha Science is Fun   *July 2013–May 2014*

- Designed and developed an educational, online, quiz game for elementary school students
- Presented science demonstrations to students to spark interest in STEM fields

Google Code-In Participant   *November 2011–January 2012*

- Worked on documentation for the Python module and a mobile web application

Education

Cornell University, Ithaca, New York   *May 2018*

- Bachelor of Science in computer science in the College of Engineering
- 4.08 cumulative GPA

Basha High School, Chandler, Arizona   *May 2014*

Computing Skills

Python	Has contributed to SymPy, Conda, and related projects since 2011; develops web applications for SymPy on Google App Engine.
HTML/CSS	Develops personal and school websites as well as on SymPy's web applications, applying responsive designs and HTML5/CSS3. Familiar with Bootstrap.
JavaScript	Tinkers with WebGL, SVG, and other technologies; uses jQuery, D3.js, and other major libraries. Familiar with CoffeeScript and TypeScript.
Linux	Uses and administers an Arch Linux machine; four years experience with Linux.
Java	Learned Java programming, object-oriented design, and testing methodologies in an honors object oriented design class involving a two-month client-server project.