

KELLI ROCKWELL

Engineer | Scientist | Programmer | Artist

CONTACT ME

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[courier-new.github.io](https://github.com/courier-new)

EDUCATION

POMONA COLLEGE | Claremont, California

AUGUST 2013 – MAY 2017

Bachelor of Arts, Physics and Computer Science

UNIVERSITY OF EDINBURGH | Edinburgh, Scotland, UK

AUGUST 2015 – DECEMBER 2015

Semester Abroad

WORK EXPERIENCE

PROJECT MANAGEMENT INTERN | eBay

MAY 2016 – AUGUST 2016

- Oversaw production from the ground up of a web-based platform for internal communications for the Global Foundation Services division, which manages eBay's data centers, networking, and security
- Created a presentation-ready, live, and scalable dashboard of operational statistics of eBay's infrastructure

RESEARCH ASSISTANT | KAPAO: A Pomona Adaptive Optics

APRIL 2014 – AUGUST 2015

Ongoing NSF-funded instrumentation effort started in 2010 to develop and deploy a low-cost, remote-access, natural guide star adaptive optics system capable of correcting wavefront deformations to sharpen images of the cosmos

- Upgraded hardware and software, performed detailed optical realignments, and refined data analysis techniques
- Piloted multiple-night observational runs with colleague, gathering data on more than a dozen astronomical targets
- Presented findings with colleague through series of three posters and two informational talks at Pomona research fair and Conference for Undergraduate Women in Physics 2015

WEB DEVELOPMENT ASSISTANT | Pomona Communications, pomona.edu

SEPTEMBER 2014 – MAY 2016

- Updated, organized, and unified content and style of web pages on behalf of Pomona faculty and administration
- Migrated and reformatted content to a new content management system during website redesign
- Consulted departments interested in remodeling their sub-sites

FREELANCE GRAPHIC DESIGNER | Thiink, thiinkposters.com

JUNE 2007 – PRESENT

- Developed brand and website for service focusing on custom poster design for college students
- Designed website layouts, company/group logos, presentational materials, event brochures, infographics, article illustrations, and photomanipulations/photo retouchings for diverse purposes and platforms

TECHNICAL SKILLS

LANGUAGES | JavaScript (ES2016, jQuery, Node.js), HTML5, CSS (Sass, LESS), PHP, Java, Python, MySQL, Mathematica

OPERATING SYSTEMS | Windows (XP, Vista, 7, 8, 10), Mac OS X, Linux (Ubuntu, Unix terminal)

PROGRAMS | Adobe Creative Suite (Photoshop, Illustrator), Git/GitHub, Command Line, Editors/IDEs (Eclipse, Sublime Text, Atom, Notepad++) XAMPP, FTP/SSH, MS Office (Word, Excel, PowerPoint, Outlook)

VOLUNTEERING AND LEADERSHIP

CUWiP LOCAL ORGANIZER & WEBMASTER | American Physical Society

MARCH 2017 – PRESENT

- As local organizer, coordinated with a committee of 20+ student, faculty, and staff volunteers as part of programming the 13th annual regional Conference for Undergraduate Women in Physics (CUWiP)
- As webmaster, will be developing and managing the region's conference website on behalf of the committee

CO-FOUNDER & INTERNAL COORDINATOR | Physics Cohort Guides

MAY 2016 – JANUARY 2017

- As co-founder, led a student team in devising and integrating a mentoring program for introductory physics students at Pomona College, aimed at promoting higher retention of women and minority physics majors after first year
- As internal coordinator, planned cohort events, meetings, and check-ins and managed channels of communication

DEPARTMENT LIAISON | Pomona Physics Department

JANUARY 2013 – MAY 2017

- Coordinated events encouraging interaction among faculty and students as well as outreach to prospective students
- Mediated department discussions on topics such as inclusiveness, department climate, and course expectations