

# KELLI ROCKWELL

Engineer | Scientist | Technologist | Artist

CONTACT ME

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

## TECHNICAL SKILLS

**LANGUAGES** | JavaScript (jQuery, ES6, Node.js, JSON, AJAX), HTML5, CSS (Sass, LESS), PHP, Java, Python, MySQL, VBA

**SOFTWARE** | Adobe Creative Suite (Photoshop, Illustrator), Editors/IDEs (Eclipse, Atom, Sublime Text, Notepad++), XAMPP, MS Office (Word, Excel, PowerPoint, Outlook), CMS (WordPress, Drupal), LaTeX

**OTHER** | Git/GitHub, Agile/Scrum, Command Line, Build Tools (Grunt/Gulp, CodeKit/Prepros), FTP/SSH

## WORK EXPERIENCE

**WEB DEVELOPMENT PROJECT MANAGER** | American Physical Society, [cuwipsocal2018.org](https://cuwipsocal2018.org) MARCH 2017 – PRESENT

- Devised and executed 3-month plan to design, develop, and populate informational website for the 13th annual Conference for Undergraduate Women in Physics (CUWiP)
- Embraced mobile-first practices to produce the first CUWiP website to be fully mobile-friendly

**WEB DEVELOPMENT 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 scalable, interactive, presentation-ready dashboard of operational statistics of eBay's infrastructure

**WEB DEVELOPMENT ASSISTANT** | Pomona Communications, [pomona.edu](https://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

**RESEARCH ASSISTANT** | KPAO: 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

**FREELANCE GRAPHIC DESIGNER** | Thiink, [thiinkposters.com](https://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

## 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

## VOLUNTEERING AND LEADERSHIP

**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