

KELLI ROCKWELL

Engineer | Scientist | Technologist | Artist

CONTACT ME

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courier-new.github.io

TECHNICAL SKILLS

LANGUAGES | JavaScript (ES5, 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, Agile/Scrum, Command Line, Editors/IDEs (Eclipse, Sublime Text, Atom, Notepad++), XAMPP, FTP/SSH, MS Office (Word, Excel, PowerPoint, Outlook)

WORK EXPERIENCE

WEB DEVELOPMENT PROJECT MANAGER | American Physical Society 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

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

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