Patrick Killian

pkillian.me

Programming. Music. Design.

43715 Burning Sands Terrace, Leesburg VA, 20176

(703) 431-3684 - pkillian@berkeley.edu

Work Experience

AOL Inc.
May 2012 - Present

Cloud Software Engineering Intern — Dulles, VA / Berkeley, CA

Developed and maintained a multitude of complex web-applications, back-end APIs and Host Configuration Management (HCM) systems for VM allocation and System Administration.

- Developed according to customers' expectations and requests, while interfacing with them directly.
- Contributed to many new feature rollouts, including group authentication push files for virtual host administrative ease-of-setup.
- Effortlessly collaborated from a variety of environments, including in-office development and remote-work from Berkeley, California during Freshman and Sophomore years of college.
- Motivated and hard-working; self-assigned work whenever queues got low, and assisted many other developers whenever needed.

K2M, Inc.
June 2011 - January 2012

Marketing Communications Intern — Leesburg, VA

Produced, brainstormed, edited and maintained marketing materials, advertisement campaigns, and interacted with executive management to receive approvals on designs.

- Assisted the Marketing Communications Department in designing various marketing materials.
- Designed, encoded, and implemented landing pages for www.k2m.com to be used with print advertising campaigns; allowed for automated re-direction of mobile and desktop devices.
- Acquired quotes for various print advertisements and projects, while taking the lead on many aspects of the designs and productions there-of.
- Coordinated and routed marketing materials for executive approval and production.

K2M, Inc.
June 2010 - September 2010

Quality Assurance Intern — Leesburg, VA

Worked side-by-side with product managers to construct comprehensive documentation of products in preparation for international clearances.

- Assisted the Quality Assurance Department in acquiring overseas clearances.
- Organized and implemented various techniques for sophisticated internal document control and routing.
- Reorganized and relocated on-site filing systems into newly renovated spaces, while recording the locations of thousands of hard-copy files and documents.

K2M, Inc.
December 2009 - January 2010

Marketing Intern — Leesburg, VA

Directly worked with the marketing team during the Winter to replenish marketing materials and redistribute them to hospitals, sales representatives, and product managers.

- Assisted the Marketing Department in producing and compiling marketing materials.
- Compiled and shipped materials to sales representatives and hospitals.

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Education

University of California, Berkeley
B.A., Computer Science (projected)

August 2011 - May 2015

Berkeley, CA

Balanced extremely difficult curriculum with regular part-time remote work for AOL, Inc. Sparked genuine interests in data-structures and efficient, low-cost design paradigms.

- Current GPA: 3.098
- Current course-load: Intro to Artificial Intelligence, Intro to Digital Electronics, XML Foundations
- 2011 Intramural Soccer Champions; Open-Division

Heritage High School
Advanced Diploma

August 2007 - June 2011

Leesburg, VA

Applied interests to flexible course options; committed countless hours to traditional coursework as well as a demanding Yearbook program.

- Various musical and academic achievements; invited to and performed world-premiere piece in the Sydney Opera House, Varisty Letter, four consecutive years as a leader in the Jazz Ensemble.
- Member of NHS, Key Club, CSPA, and Editor in Chief of a nationally awarded Yearbook.

Expertise

Programming Languages:
- Java
- Python
- Perl
- C
- Ruby
- Javascript
- HTML
- CSS
- PostgreSQL

Web / Design Platforms:
- Adobe Creative Suites (CS6, CS5.5, CS5, CS4)
- Django
- Mason
- Rails
- REST APIs
- JAX-RS Technology

Musical Specialties:
- Abelton Live 8, 9
- Apple Logic 9 Pro
- Keyboard
- Drums
- Guitar
- French Horn

References

Jade Chu - Technical Director, Software Development at AOL Inc.
   jade.chu@teamaol.com

Daniel Kapusta - Senior Software Engineer at AOL Inc.
   daniel.kapusta@teamaol.com

Paul Sullivan - System Architect at AOL Inc.
   paul.sullivan@teamaol.com

Elizabeth Venafro - Director, Global Marketing Communications at K2M Inc.
   evenafro@k2m.com