LUKE EISENBERG

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EDUCATION

THE UNIVERSITY OF CALIFORNIA—SANTA CRUZ   **SANTA CRUZ, CA**
Bachelor of Arts in Computer Science, Minor in History   *September 2009—March 2014*

GENERAL ASSEMBLY   **SAN FRANCISCO, CA**
Certificate in JavaScript Development, Certificate in HTML, CSS, and Web Design   *January 2017—April 2017*

PROFESSIONAL EXPERIENCE

IGN ENTERTAINMENT   **SAN FRANCISCO, CA**
QA Automation Engineer   *October 2017—Present*
- Technologies Used: Java, Git, JavaScript, Selenium, Webdriverio, Sauce Labs, Jenkins
- Designed and implemented a new automation framework utilizing page object modeling, Sauce Labs and Webdriverio.
- Managed releases of code to production on a weekly basis.
- Maintained a legacy nightly regression suite of over 250 tests.
- Performed manual QA tasks as needed on a variety of desktop and mobile devices.

ASCENDIFY   **SAN FRANCISCO, CA**
Backend Engineer // Automation Engineer   *September 2014—December 2016*
- Technologies Used: PHP, PostgreSQL, HTML/CSS, Git, JavaScript, CentOS, AWS, CodeIgniter Framework, Ping Identity, Ping One, ADFS, Jira
- Implemented JSON services to provide data to frontend engineers.
- Developed batch processes in PHP to create and maintain data for 60,000 user accounts.
- Coordinated directly with representatives from enterprise level clients in the development of new features and integrations.
- Maintained SSO API and worked with clients to troubleshoot SSO implementations.
- Designed and implemented database schemas in PostgreSQL.
- Investigated and performed fixes for bugs on UAT and production sites as they were detected.

QA Intern   *June 2014— September 2014*
- Technologies Used: Assembla, PostgreSQL, Firebug
- Performed regular QA passes of the platform, and coordinated the product's final QA pass for several successful releases.
- Helped customers to report bugs and resolve issues by working as needed in an outward facing customer support role.
- Used PostgreSQL and Firebug to determine root causes of issues and write root cause analysis reports.

UCSC NATURAL LANGUAGE AND DIALOGUE SYSTEMS LAB   **SANTA CRUZ, CA**
Research Assistant   *July 2012—May 2014*
- Technologies Used: Python, Java, Mac OSX, Git, Amazon Mechanical Turk
- Assisted on projects to train pattern-based classifiers to identify subjective dialogue acts.
- Analyzed syntactic patterns of extracted utterances and helped to develop new templates for pattern extraction.
- Created scripts using Python to automatically compile relevant data.
- Utilized Amazon Mechanical Turk to crowdsource annotations for experimental data.

ORGANIZATIONS, VOLUNTEER WORK, AND LEADERSHIP EXPERIENCE

CARECONNECT PROJECT   **SANTA CRUZ, CA**
Programmer   *September 2012—December 2012*
- Technologies Used: Python, Web2Py, HTML/CSS, Mac OSX, jQuery, Git
- Using Web2py, worked to develop an online database of community supported health care services.
- Collaborated with a public health activist to assess community interest.

BOY SCOUTS OF AMERICA   **LAFAYETTE, CA**
Eagle Scout   *September 2005—Present*
- Served as Patrol Leader for a group of 5 scouts.
- Supervised an extensive community service project to develop a compost system for a local elementary school.

CONFERENCE PUBLICATIONS

Reid Swanson, Marilyn Walker, Luke Eisenberg, Thomas Corcoran, "Getting Reliable Annotations for Sarcasm in Online Dialogues", Conference on Language Resources and Evaluation 2014

Stephanie Lukin, Marilyn Walker, Luke Eisenberg, Thomas Corcoran, "Identifying Subjective and Figurative Language in Online Dialogue", 3rd Pacific Northwest Regional Natural Language Processing Workshop 2014

TECHNICAL SKILLS AND INTERESTS

- **Research:** Natural Language Processing, Crowdsourcing, Social Media Data Analysis
- **Programming:** PHP, Java, Python, HTML/CSS, JavaScript, PostgreSQL
- **Application and Libraries:** AWS, Amazon Mechanical Turk, Stanford Parser, Web2py Framework, CodeIgniter Framework, ADFS 2.0, PingOne