Samuel Lichlyter

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TECHNICAL SKILLS

Strong in Swift, Objective-C, HTML5, CSS3, PHP, **JavaScript**, **jQuery**, **MySQL**, Python (SKLearn, Seaborn, Beautiful Soup, **TensorFlow**), **NodeJS (ExpressJS, SuperAgent, Jade/PUG, Selenium, Mocha, Chai), React, VueJS**, C, C++, UNIX commands/scripting

NON-TECHNICAL SKILLS

Experience with **hiring**, **supervising**, and **presentations**, great with **interpersonal communication**, and excellent **writing** skills

EXPERIENCE

Graduate Teaching Assistant, Oregon State University, — EECS; Corvallis, Oregon — 2018 - Present
• Grading and holding office hours for CS 362 (Software Engineering II — **Software Testing**)

Graduate Assistant, Oregon State University – EECS; Corvallis, Oregon – 2017 - Present
• Managed student and industry registration pages for EECS Networking Night, Industry Reception, and Career Showcase using **PHP** and **Drupal**

Undergraduate Research Assistant, Oregon State University – College of Public Health and Human Sciences; Corvallis, OR – 2016–Present
• Developed an **iOS app** using Apple's **ResearchKit** Framework for green space research
• Worked with **Google Earth Engine** for green space research

Undergraduate Research Assistant, Oregon State University – EECS – Department of Software Engineering, Human-Computer-Interaction, and Programming Languages; Corvallis, Oregon – 2015 - 2017
• Developed a **Visual Studio Code Extension** to visual the structure of users code (Postal)
• Designed and developed a **website** showcasing Information Foraging Theory patterns using **PHP, JavaScript, and jQuery**
• Product tested a new visual programming language developed at Oregon State University in collaboration with National Instruments
• Implemented a redesign of the palette for this visual programming language in **JavaScript**

Lead Application Developer, Applied Physics Lab – Acoustics Department – University of Washington; Seattle, Washington – 2014 - 2017
• Built a custom **website/web application** to use as a presentation or learning tool showcasing a set of experiments on acoustic backscattering
• Interactive elements using **JavaScript, jQuery, Google Maps API, HTML, CSS, PHP, and Python**
• Completely dynamic using a **MySQL** database

EDUCATION

• Oregon State University, Corvallis, Oregon — Computer Science B.S. (June 2013 - August 2017; GPA: 3.24)
• Oregon State University, Corvallis, Oregon — Computer Science M.S. (Software Innovation; September 2017 - June 2019; GPA: 4.0)

PUBLICATIONS

Nabi, T., Sweeney, K., Lichlyter, S., Piorkowski, D., Scaffidi, C., Burnett, M., and Fleming, S. (2016) Putting Information Foraging Theory to Work: Community-based Design Patterns for Programming Tools. *IEEE Symposium on Visual Languages and Human-Centric Computing*, 4 pages.