

# Alex Vincent-Hill

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## EXPERIENCE

### **Solutions Engineer | Fetch (San Francisco, CA)** **Oct 2017 - Jun 2018**

- Developed proprietary technology solutions to improve media execution and analytics agency processes
- Deployed and maintained React, Google Apps Script js, AdWords script, AWS EC2 LAMP, and VBA production code, administered GitHub account, contributed to Dynamic Creative Optimization product
- Led the outsourcing and documentation of processes to partners within agency network
- Taught VBA macro scripting and MS Excel functionality courses in SF, LA, and London offices

### **Programmatic Coordinator | Fetch (San Francisco, CA)** **Feb 2017 - Oct 2017**

- Enabled \$2MM labor savings through implementation of adserver and paid media and analytic platform automation, allowing one client to launch an average of 400 campaigns per month across programmatic display, search, and social platforms
- Responsible for programmatic channel performance: strategic development, campaign implementation, optimization, and data analysis

### **Semiconductor Fab Process Engineer | HP Inc. (Corvallis, OR)** **Apr 2015 - Feb 2017**

- Assured quality of HP Inc. inkjet printer MEMS devices and the silicon etch process
- Brought new \$3.2MM etch tool into production, and guaranteed process quality with chemical analysis, statistical comparison tests of downstream defect and yield data, and design of experiments
- Presented internal silicon micro-machining manufacturing methods to engineering and technical staff
- Created and optimized a new etch process for next-generation HP Inc. inkjet printing manufacture

### **Print Systems Engineering Intern | Hewlett Packard Co. (Corvallis, OR)** **Summer 2014**

- Investigated air generation in printer ink by designing a 3D-printed module to measure out-gassing as a function of surface temperature and fluid flow-rate to understand customer product failures
- Created a model to predict product failures currently used to focus resources on reducing high-risk product use

### **Undergraduate Researcher | Lawrence Berkeley National Lab (Berkeley, CA)** **2013 - 2014**

- Explored chemical bonding by exciting ethylene molecules with a high-harmonic laser process
- Designed and installed a low-pressure beamline filter, constructed and aligned a laser compressor, received specialized safety training, and operated and maintained a 40W Class 4 research femptolaser for ~500 hours

### **Graphic Designer | Woot.com** **2013 - present**

- Designed and contracted t-shirt designs with ~3,000 total sales worldwide

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## EDUCATION & LEADERSHIP

**University of California, Berkeley, B.S. Chemistry** **2011 - 2014**

**Universidad de Granada, Spain, Spanish, Art History, Latin-American Economies** **Fall 2014**

**Nu Chapter of Phi Kappa Tau Fraternity, Scholarship Chair** **Fall 2013**

**UC Berkeley Student Learning Center, Peer Tutor** **2012 - 2013**

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## SKILLS

- React, ES6, HTML5, CSS3
- Python 3.5
- Java Processing
- AWS EC2, S3, Cloudfront
- Google Apps Script js
- Excel VBA scripting
- bash, git, GitHub
- Adobe Creative Suite (PS, Ai)
- Putty, Cyberduck, Heroku
- DoubleClick Digital Marketing (DBM, DCM, DS)
- Google AdWords scripting
- FB Ads Manager
- JIRA, Trello
- Spanish language

**Personal Website:**

[www.avhdesign.win](http://www.avhdesign.win)

**LinkedIn:**

[www.linkedin.com/in/avincenthill](http://www.linkedin.com/in/avincenthill)