

# Alexander J. Vincent-Hill

## REDACTED CONTACT INFO

### EXPERIENCE

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

- Led the development of proprietary technology solutions to facilitate improvement across finance, execution and analytics agency processes
- Deployed and improved productivity tools with React, AWS EC2 LAMP VMs, and VBA
- Developed and taught courses in SF and London offices on VBA macro scripting and Excel functionality
- Primary point of contact for outsourced resources within agency network, accountable for all process documentation on required responsibilities

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

- Increased labor savings by \$2MM through proactive implementation of adserver, paid media and analytic platform automation, allowing one client to launch an average of 400 campaigns/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**

- Illustrated and contracted two t-shirt designs currently for sale online with ~3,000 total sales worldwide

### 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**

### SKILLS

#### **Mastery**

- Microsoft Office Suite
  - Excel with VBA scripting
- Windows and Linux/Ubuntu OSs
- JavaScript, HTML 5, CSS
- DoubleClick Bid Manager (SDFs)
- JMP statistical analysis
- Adobe Creative Suite (PS, Ai)
- AutoCAD/SolidWorks

#### **Proficiency**

- Python 3, ECMAScript 6
- Java Processing, React
- PHP, AWS EC2 LAMP
- bash, git, JIRA, Trello
- Putty, Cyberduck, Heroku
- Spanish language
- vim/nano/Atom/Sublime/VSCode
- COMSOL CFD modeling

- AdWords Scripts, Google Apps Script
- DoubleClick Campaign Manager
- DoubleClick Search, AdWords, FbPE

#### **Personal Website:**

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

#### **LinkedIn:**

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