

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

LinkedIn:

www.linkedin.com/in/avincenthill