Andrew Wilkes

Product-minded engineer. Strong believer in transformational and servant leadership.
I love working in a team environment and solving hard (and sometimes vague) problems!

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Experience

HyperScience — *Director of Engineering*

Dec 2015 - Dec 2019
- Managed teams in the Application org (4 teams, 22 engineers), leading the development of a product deployed at more than 20 large enterprises, earning over $20M in ARR. - Led hiring, organizational structure, project management, and people processes as the engineering team scaled from 10 to 45. - Maintained a regrettable churn rate below 10%. - Developed and implemented initial versions of: - Engineering career ladder - Deployment strategy & best practices - On-call support - Internal documentation of infrastructure - Built the original sales demo product that became HyperScience's flagship product, growing revenue from $0 to $20M ARR.

Tumblr — *Engineer / Team Lead (Core PHP & Media)*

Jul 2014 - Nov 2015
- Optimized application code and modernized the infrastructure of Tumblr's monolithic PHP app. - Managed storage and serving pipelines for user-generated media (image, video, audio). - Co-authored Tumblr's on-demand image resizer service (C/nginx, AWS) and later developed a GIF-specific version. - Assisted product teams in building large, user-facing features with high quality.

Bloomberg — *Financial Software Developer*

Jun 2011 - Jun 2014
- Managed the Fixed Income ticketing platform across multiple asset classes. - Led a project to bring algorithmic trading to the retail fixed income market in Bloomberg.

Education

University of Virginia
B.S. Computer Science — *Graduated with Highest Distinction (CS GPA: 3.98)*

Skills

- **Full-Stack Product Development** (consumer and enterprise)
- **People Management** (multiple teams and offices)
- **Project Management & Organizational Structure**
- **Hiring & Growth Strategies**

Technical Experience

- **Languages & Frameworks:** Python, Django, JavaScript, React, PHP, C++
- **Infrastructure & Tools:** Docker, AWS, Ansible
- **Other:** Working knowledge of ML concepts