

Chris DeFlumeri

Technical manager & full stack engineer

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WORK EXPERIENCE

Technical Manager, PathAI - *Sep/2020 - Present* - Boston, MA

- Leading the Clinical Portal Squad, which is helping to develop a robust, scalable platform for efficient deployment of PathAI medical devices to improve patient care

Technical Manager, Tripadvisor - *March/2019 - March/2020* - Needham, MA

- Led the Hotels B2C Platform team, which owns, maintains, and evolves our high volume real-time pricing and availability infrastructure, while also defining operational best practices, tools and playbooks to be used by both the platform team and all teams in Hotels B2C. I also served as a senior Release Engineer for all of Tripadvisor, with production operations responsibilities for my and other organizations, helping to define the future of release operations for the company
- Served as the operations and platform lead for all of Tripadvisor Hotels, an approximately 100 engineer organization, working cross-organization and cross business-unit to ensure that the platform meets the current and future needs of the product teams
- Led the Traveler Lifecycle consumer product engineering team, leveraging data mining and machine learning principles to provide a more targeted and predictive experience to travelers, directly managing 5 engineers. We also rebuilt and revamped the CRM data pipeline and creative for our high intent, high value price drop and inspirational email campaigns.
- Led the Hotels Platform infrastructure engineering team, expanding and maintaining our core availability and pricing infrastructure and innovating solutions to maintain site performance, directly managing 4 engineers

Senior Software Engineer, Tripadvisor - *May/2017 - March/2019* - Needham, MA

- Coordinated release operations for the global Tripadvisor infrastructure as one of 8 site Release Engineers
- Created and led a cross-functional team focused on increasing operational focus and visibility at Tripadvisor
- Managed a team of 6 engineers on the Revenue Engineering consumer product team, responsible for iterating on and optimizing various CPC, CPM and CPA revenue products

Software Engineer Lead, Hudl - Dec/2015 - May/2017- Boston, MA

- Provided career management to a group of 6 engineers.
- Created a brand-new Data and Video Exchange platform for the Premier League.
- Led development of League tools for video and data exchange for global sports leagues.
- Migrated all of our backend libraries and infrastructure to .NET Core, including migrating our 40+ microservices to the new architecture.

Software Developer, Hudl - April/2015 - Dec/2015 - Boston, MA

- Member of the Core Video team, responsible for core video library and playback tools.
- Lead developer for our Video Exchange platform and tooling.

Software Engineer I/II, Tripadvisor - May/2012 - April/2015 - Newton, MA

- Engineer on the core CPC product and SEO engineering teams. Key member of the team that transitioned the CPC Hotels/Reviews pages to a new Metasearch commerce model.
- Built the Instant Booking inventory and API platform for mobile/desktop, then built the Desktop/Tablet UI, along with the tracking tools needed for optimization.

Previous Experience:

- 3 years as a campus IT consultant and supervisor at the University of Illinois.
- Intern at Motorola Mobility in their Global New Products Operations group in Libertyville, IL, 2011.

Other Interests:

- Passionate about Free and Open Source software and tries to contribute back to the community. See <https://github.com/mail-in-a-box/mailinabox/pull/1398> for an example.
- Amateur mechanic that repairs and modifies consumer vehicles

EDUCATION

2012 B.Sc. in Computer Science, University of Illinois at Urbana-Champaign

2022 Master of Business Administration, University of Illinois at Urbana-Champaign

PRESENTATIONS

[Where UX & Dev Meet: Creating Usable Software](#) - Red Hat DevConf 2019

[Cars: More Software Than You Could Possibly Imagine](#) - Tripadvisor, 2020

TECHNICAL SKILLS

Java, Linux, C#, AWS, PostgreSQL, Memcached, Kubernetes, Microservices, PagerDuty, Grafana, JavaScript, ReactJS, CSS, MongoDB