

# Max Dykhuizen

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## EXPERIENCE

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### Asana

San Francisco, CA

Software Engineer, Infrastructure

May 2022 – Present

- Improved internal AWS lambda framework to enable automatic deployments of lambda functions
- Championed migration of existing lambda functions from CloudFormation to Terraform
- Maintained deployment of infrastructure code across EC2 instances as an on-call engineer

Software Engineer, Product

April 2020 – May 2022

- Led development of the Attachment Export feature so domain admins could preserve all attachments that have been uploaded to Asana for HIPAA compliance
- Built the Audit Logs API to enable admins to gain insight into crucial security and compliance-related events within their Asana organization
- Parallelized the domain export feature so Asana's largest customers could retrieve data in their entire organization over 15X faster
- Led the technical design and implementation of the self-serve user reactivation feature
- Created new React components to allow admins to update the profile settings of users
- Mentored intern to accelerate their onboarding to the team and receive a full-time offer

Software Engineering Intern, Android

May – August 2019

- Updated the Asana Android application search page to improve usability and reduce search result load times which resulted in a 128% increase in search usage
- Implemented a new sign-up workflow to allow users to quickly create teams and start projects
- Maintained the Android application during migration from sidebar to bottom navigation

### Lime

San Francisco, CA

Software Engineering Intern, Infrastructure

January – April 2019

- Upgraded integration tests using real and virtual scooters to validate Lime's back-end application before each production deploy
- Containerized Lime's rails application and packaged its dependencies to allow engineers to quickly set up isolated development environments

### Stevens Capital Management LP

Wayne, PA

Developer Intern

May – August 2018

- Analyzed stock quotes with Python to identify promising financial indicators that could be used in trading strategies
- Designed an R Package to help analysts control for false positives when conducting research on financial indicators for new quantitative trading strategies

## EDUCATION

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### University of Michigan

Ann Arbor, MI

B.S.E. Computer Science, 3.9

December 2019

## SKILLS

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**Programming Languages:** Python, JavaScript, C++

**Frameworks and Tools:** Git, Linux, React, Node, MySQL, AWS, Docker, Kubernetes, Terraform