

# Begovich Kyle

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## EDUCATION

### UNIVERSITY OF ILLINOIS

#### BS MATH & COMPUTER SCIENCE

May 2020 | Urbana, IL

3.41/4.0 GPA

## LINKS

GitHub:// [kylebegovich](#)

LinkedIn:// [kyle-begovich](#)

Facebook:// [kyle.begovich.7](#)

Site: [kylebegovich.com](#)

## SKILLS

Golang • Node.JS • Python  
Java • Android • Redis • Git  
LaTeX • Bash • Linux • MacOS  
Alexa • Google Home • GCloud  
AWS • Lambda • EC2 • S3

## COURSEWORK

### COMPUTER SCIENCE

Advanced Algorithms  
Algorithms  
Models of Computation  
Data Structures  
÷ Software Design  
Numerical Analysis  
Systems Programming  
Honors Project

### MATHEMATICS

Probability Theory  
Graph Theory  
Linear Algebra  
DiffEqs  
Real Analysis  
Fundamentals & Proofs  
Calculus Sequence  
Undergraduate Research Scholar (x2)  
Undergrad Research Team Leader (x3)

## EXPERIENCE

### GOOGLE | SOFTWARE ENGINEER

July 2020 - Current | Mountain View

- Working on Core Systems team as new grad SWE

### FACEBOOK | SOFTWARE ENGINEER CO-OP

Fall 2019 | Menlo Park

- Worked on Instagram Security and Privacy team
- Developed Authentication tooling for internal node API
- Enforced higher standard of access tagging of assets set by infra teams
- Django Python and formal code review process experience

### UBER | SOFTWARE ENGINEER INTERN

Summer 2019 | San Francisco

- Developed Caching system for Pricing models within UberEATS
- Worked on Golang microservice architecture and integrating Redis clients
- Set and tracked metrics measuring compute savings and load time reductions
- Finished with time to scope Android project for upcoming EATS features
- Collaborated cross-org: Compute, Design, and Data teams for projects

### GOLDMAN SACHS | TECHNOLOGY ANALYST INTERN

Summer 2018 | Chicago

- Developed Alexa and Google Home apps for the Commercial Banking Division
- Pitched project, worked in business timeline, delivered MVP
- Wrote all project Node.JS, documentation, presentations, and budgeting

### LEAD COURSE DEVELOPER | UIUC INTRO TO CS

Jan 2017 – May 2019 | Urbana

- Planned and ran first ever course project fair
- Designed and wrote Machine Problems for >900 students per semester
- Helped migrate course to new software tools, notably Git and Android

## LEADERSHIP

### HACKILLINOIS | DIRECTOR OF EXPERIENCE | 2017 – 2020

- Student-run, open source Hackathon
- Managed a team of 15 students
- Responsible for finding and vetting all speakers, mentors, and projects
- Planned and prepared all workshops, swag, admissions, and volunteers
- Working ~20 hr/wk in Summer & Fall and ~40 hr/wk in Spring

### REFLECTIONS|PROJECTIONS | OPS TEAM LEADER | 2018 – 2020

- Student-run, week-long tech conference
- Coordinating travel, food, building flow, volunteers, and swag
- “Crisis Team” member: most reliable staff for event on-call issues
- Working ~10 hr/wk in Summer and ~30 hr/wk in Fall