

# Begovich Kyle

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## EDUCATION

**UNIVERSITY OF ILLINOIS**  
**BS MATH & COMPUTER SCIENCE**  
Expected May 2020 | Urbana, IL  
3.3/4.0 GPA

## LINKS

GitHub:// kylebegovich  
LinkedIn:// kyle-begovich  
Facebook:// kyle.begovich.7

## COURSEWORK

### COMPUTER SCIENCE

Algorithms  
Models of Computation  
Data Structures  
Software Design  
Systems Programming  
Computer Architecture  
Honors Project

### MATHEMATICS

Probability Theory  
Linear Algebra  
Fundamentals & Proofs  
Calculus Sequence  
Undergraduate Research Course  
(4 times; team leader twice)

## SKILLS

### PROGRAMMING

JavaScript • Python • C/C++  
Java • Android •  $\text{\LaTeX}$  • Git  
Bash Shell • Linux • MacOS  
Alexa • Google Home • GCloud  
AWS • Lambda • EC2 • S3

### SOFT SKILLS

Team Management  
Client Acquisition  
Optimizing Budgets  
Teaching Experience

## REFERENCES

### AVAILABLE UPON REQUEST:

Research Mentors (current)  
Course Professors (current)  
Goldman Sachs Manager (former)  
Capital One Manager (former)

## EXPERIENCE

### GOLDMAN SACHS | SUMMER TECHNOLOGY ANALYST (INTERN)

Summer 2018 | Chicago

- Developing external tools for the Consumer Commercial Banking Division
- Working on Natural Language Experiences for Marcus Bank
- Pitched project, worked in business timeline, delivered MVP
- Wrote all project Node.JS, documentation, presentations, and budgeting

### CAPITAL ONE | SOFTWARE ENGINEERING INTERN

August 2017 – May 2018 | Champaign

FALL:

- Java dev working on migrating processes to Cloud compute
- Big Data optimization for AWS tools and cost minimization
- Management team used our presentation to influence internal Cloud policy

SPRING:

- JavaScript dev working on internal tool for budget tracking
- Worked on production software under an AGILE cadence
- Used direct, iterative feedback from our users

### LEAD COURSE DEVELOPER | UIUC INTRO TO CS

Jan 2017 – Current | 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

## RESEARCH

### VIDEO AS A SENSOR | SCHOLAR AND PROJECT MANAGER

Jan 2017 – Aug 2018

- Developed tools on top of the You Only Look Once Open Source Software
- Generated and trained the Convolutional Neural Network on a rich data set
- Presented work at UWashingon, UI-Chicago, UIUC, and published online
- Worked closely with Prof Richard Sowers

## GROUPS

### HACKILLINOIS | EXPERIENCE TEAM DIRECTOR

April 2017 – Current

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

### REFLECTIONS|PROJECTIONS | OPERATIONS TEAM LEADER

March 2018 – Current

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