

Anna L. Benson

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SUMMARY

Aspiring software developer and third year undergraduate student seeking to apply their technical and interpersonal skills at a company with a strongly collaborative culture for Summer 2019.

EDUCATION

Illinois Institute of Technology, Chicago — *B.S. Computer Science*

AUG 2016 - DEC 2019

- Cumulative GPA 3.54
- Coursework : Technical Communication (HTML/CSS), Algorithms, Software Engineering, Cluster Computing, Operating Systems, Mobile Applications Development (Android), Database Organization (SQL), Systems Programming (C), Computer Organization and Assembly Language Programming (C), Data Structures and Algorithms (Python), Combinatorics, Mathematical Modeling, Probability and Statistics, Linear Algebra.

SELECTED PROJECTS

Mobile Application Development (Android)

- "KnowYourGovernment" (<https://github.com/annalbenson/KnowYourGovernment>)
 - Uses location services and the Google Civic Information API to download and display contact information for local, state, and national elected officials based on the device's current location or a user entered location.
- "StockWatch" (<https://github.com/annalbenson/StockWatch>)
 - User enters stock symbols which are used to download a JSON file with stock price and price change from Marketwatch.com, all of which is then displayed and stored locally in an SQLite database.

WORK EXPERIENCE

Illinois Institute of Technology, Chicago — *Undergraduate Research Assistant*

AUG 2018 - DEC 2018

- Member of IIT's Student Cluster Challenge 2018 team
- Working with Dr. Ioan Raicu of IIT and William Scullin of Argonne National Laboratory
- Analyzing High Performance Linpack (HPL) and High Performance Conjugate Gradients (HPCG) on the Chameleon Cloud testbed and other hardware

Illinois Institute of Technology, Chicago — *Computer Science Teaching Assistant*

AUG 2017 - MAY 2018

- Courses covered an introduction to OOP, data structures, algorithms, elementary logic, recursion, and proof writing
- Instructed 40-50 students in concepts, as well as general Java and Python during lab sections
- Created rubrics, graded assignments and quizzes, and proofread future assignments and exams

EXTRACURRICULAR INVOLVEMENT

Secretary — *Upsilon Pi Epsilon (UPE) at IIT*

MAY 2018 - PRESENT

- Take attendance and meeting minutes
- Organize promotional material for programming events
- Maintain email and send out event reminders to members

Founding Publicity Chair — *Association for Women in Mathematics (AWM) at IIT*

MAY 2017 - May 2018

- Organized event cross promotion among on-campus professional orgs (ACM, SWE, etc.)
- Maintained facebook page and sent reminder emails

LANGUAGES

- Proficient in Java, Android ; Familiar with SQL, C, Python ; Dabbled in Kotlin, Bootstrap/CSS, R