

Aaron Keller

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EDUCATION

Northwestern University, Evanston, IL

Robert R. McCormick School of Engineering and Applied Science

Bienen School of Music

Bachelor of Science in Computer Science

June 2021 (anticipated)

Bachelor of Music in Violin Performance

June 2021 (anticipated)

Current GPA: 3.805/4.00

The Village High School, Houston, TX

EXPERIENCE

Dropoff – Software Engineering Internship, Austin, TX

July – September 2018

Intern

- Wrote server plugins to generate nightly market, industry, and source reports using Node.js and Amazon Web Services (Athena and S3). Created a UI using React.js and Express.js for the back office and marketing department to access and interact with the data in the market reports.

Design Thinking and Communication, Northwestern University

September – December 2017

Student

- Collaborated and acted as Project Manager in a group of 8 to design and modify a ride-on toy car for a two-year old with multiple congenital limb deficiencies and presented design at the 2017 Fall Segal Design Expo.

Bursys - Software Development Internship, Houston, TX

June – July 2016

Intern

- Carried out various tasks throughout the office including giving feedback on website designs, creating mock-ups for multiple software interfaces, and writing articles for the company.
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RELEVANT COURSEWORK

Fundamentals of Computer Programming I, II, Northwestern University

September 2017 – Present

Data Structures and Data Management, Intro to Computer Systems, Northwestern University

Intro to Networking, Machine Perception of Music, Northwestern University

LEADERSHIP

Northwestern University Chamber Orchestra

September 2017 – June 2018

- 1st Stand Violin 1, Undergraduate Orchestra, performs 18th to 20th century music at Northwestern University's Pick-Staiger Concert Hall.

Quiz Bowl Team President

August 2014 – June 2017

- President of team and club and finished 34th in the nation at the HSNCT National Championship.
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SKILLS

Computing

- Programming in Javascript (Node.js, React.js, Express.js), Python, SQL, C++, C, Java, MATLAB, Racket, Git, Unix
- Experience using Amazon Web Services – AWS Athena, AWS S3
- Web Development – Backend and Frontend Experience

Project Management

- Experience in the complete design process