

# JUSTIN R. HILL

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## EDUCATION

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### Brigham Young University

Provo, UT

*B.S. in Computer Science: Software Engineering Emphasis & Minor in Mandarin Chinese*

August 2017- Present

- GPA: 3.96/4.00, ACT: 33/36 (99<sup>th</sup> percentile)
- *Relevant coursework:* Advanced Algorithms, Web Programming, Advanced Programming in Java, Linear Algebra, Discrete Mathematics, Data Structures, Digital Systems
- *Involvement:* BYU Association of Computing Machinery, BYU Tech Club, and BYU Competitive Programming Club

## EXPERIENCE

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### Inari Medical

Irvine, CA

*Full-Stack Developer*

April 2021- Present

- Designed and built new company website that will facilitate the moving of over 600 employees to a new company building
- Used Salesforce APIs to track messages and communication between Slack and corresponding Salesforce cases

### Juni Learning

*Computer Science Instructor*

November 2020- Present

- Instructor for students of private online education platform, teaching beginning and intermediate-level courses of Python, Data Science, Java, C++, JavaScript, HTML, and CSS in a small group or one-on-one format

### BYU Record Linking Lab

Provo, UT

*Machine Learning Research Assistant*

August 2020- November 2020

- Analyzed data and conducted research for a variety of projects under Professor Joe Price
- Helped to build a machine-learning algorithm with the ability to index an entire census in less than an hour, using the South African 1918 Census as the base model
- Played an integral role in designing handwriting recognition algorithms and incorporating basic machine learning techniques, such as auto-indexing of records, for the digitalization and categorization of family history records

## VOLUNTEER WORK

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### ALPHA (Aspiring Leaders Pursuing Higher Achievement)

Provo, UT

*College Prep Tutor*

January 2021- Present

- Tutor disadvantaged high-school students in a variety of math, science, and critical reasoning subjects in order to improve their outcomes on college standardized testing
- Assist these students in college selection and application process, supporting them in goals of higher achievement

### The Church of Jesus Christ of Latter-day Saints

Taiwan, Taichung

*Full-time Volunteer Representative*

May 2018- April 2020

- Provided service and English-language instruction for the local people throughout many parts of southern Taiwan
- Developed communication, leadership, and conflict resolution skills while managing groups of 15-20 peers

## ADDITIONAL

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- *Skills:* Python, Java, C++, JavaScript, HTML, CSS, student in Treehouse's Full-Stack techdegree
- *Languages:* Fluent in speaking, reading, and writing of Mandarin Chinese
- *Awards:* Boy Scouts of America Eagle Scout Award 2011
- *Interests:* avid soccer player, basketball player, skier, cyclist, runner (triathlete and marathoner), reader