

# Christian Scott Kuecker

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<https://scottkue.github.io/>

## CAREER OBJECTIVE

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An enterprising Computer Science student at University of Houston with excellent communication and leadership skills, motivated to constantly develop my skillset and grow professionally. Looking for an intern role where I can learn from experienced team members while drawing on project experience.

## EDUCATION

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| <b>The University of Houston</b> | Bachelor of Science, Computer Science<br>Minor/Senior Sequence: Software Design & Development<br>GPA: 3.2<br>Member of CougarCS | Expected June 2023 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------|

**Relevant Coursework:** Automata and Computability, Database Systems, Algorithms and Complexities  
**Computer Skills:** Excel, HTML5, JavaScript, Java, C++, Python, Django, SQL

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| <b>Houston Community College</b> | 2020-2021 |
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**Leadership Experience & Activities:** Dean's List; CSA (Computer Science Association); NSLS (National Society of Leadership & Success); LASP- Louis Stokes Alliance in Minority Participation; NW STEM Club; Scholar's Chess Club

## INDEPENDENT STUDIES & ACTIVITIES

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|------------------------------------------------------------|-----------------------|------------------------|
| <b>Introduction to Artificial Intelligence with Python</b> | HarvardX through eduX | December 2021- Present |
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Seven-week project-based course providing exposure to theory behind graph search algorithms, classification, optimization, reinforcement learning.

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| <b>Fundamentals of TinyML</b> | HarvardX through eduX | Summer 2021 |
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Five-week online course focused on the basics of machine learning, deep learning, and embedded devices and systems, such as smartphones and other tiny devices. Learned data science techniques for collecting data and developed an understanding of learning algorithms to train basic machine learning models.

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|---------------------------------------------------|-----------------------|------------------|
| <b>Web Programming with Python and JavaScript</b> | HarvardX through eduX | June-August 2020 |
|---------------------------------------------------|-----------------------|------------------|

Twelve-week project-based program on the design and implementation of web apps with Python, JavaScript, and SQL using frameworks like Django. Topics include database design, scalability, security, and user experience. Wrote and used APIs, created interactive UIs, and leveraged cloud services like GitHub.

|                                           |     |             |
|-------------------------------------------|-----|-------------|
| <b>TEEX/A&amp;M Cyber Innovation Camp</b> | A&M | Summer 2019 |
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Used Raspberry Pi to focus on skills in programming, cybersecurity, electronics and sensors, and engineering design.

## INDEPENDENT PROJECTS

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### Email Client to Make API Calls for Sending/Receiving Emails

Web Application-Django, JavaScript | 2021

### Search Engine Creation: Front-End Image and Keyword

Web Application-HTML5 | 2020

### Editable Online Encyclopedia

Web Application-Django | 2020

### E-Commerce Auction Site with Posts, Bids, Comments, Watchlist

Web Application-Django | 2020

## WORK EXPERIENCE

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| <b>Youth Development Counselor – YMCA, Katy, TX</b> | January 2021 – Present |
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| <b>Mathematics &amp; Reading Tutor – Kumon Tutoring Center, Fulshear, TX</b> | September 2019 – April 2020 |
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## ADDITIONAL INFORMATION

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**Work Eligibility:** Eligible to work in the U.S. with no restrictions