

# SEAN KUDRNA

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## EXPERIENCE

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### Software Engineering Intern

Control Solutions LLC

Dec 2020 – Mar 2021, Aurora, IL

- Utilized Agile Scrum practices for efficient team workflow
- Developed automated testing protocols for the Phoenix motor controller
- Managed the testing and monitoring of current, resistance and other electrical variables through the motor controller system
- Worked with C++, QT, Raspberry Pi and embedded systems
- Built a GUI hub to interface with power supply, battery charger, digital multimeter, DAC and a series of relays for product testing

### Technical Expert

Apple

Oct 2021- Present, Chicago, IL

- Progressed quickly through the Genius Bar in a fast paced environment from entry level specialist, to technical specialist, and then finally technical expert within the course of 10 months. Was the top technician at Apple Lincoln Park, one of the busiest Genius Bar locations in the country within my first quarter
- Troubleshoot, diagnose, and perform repairs on iOS devices, Apple TV, Apple Watch, Beats and their accompanying software
- Mentors technical specialists on technical and customer service issues
- Documents all pertinent user information and problems with accuracy in all store supported systems
- Combines strong technical and communication skills to best analyze and solve problems and rebuild user relationships with Apple

### Web Developer

University of Illinois Chicago

Sep 2020- Dec 2020, Chicago, IL

- Assessed and managed issue tickets through Jira Cloud
- Developed, tested, and deployed new web-based applications and databases
- Implemented changes to existing web-based applications and databases
- Worked primarily with C# and Node.JS for back-end development and work with web APIs

## PROJECTS

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### Stuudeo

Chief Technical Programmer

Mar 2020- Aug 2020, Naperville, IL

- Took the lead in implementing agile practices to increase project productivity and delivery management
- Lead developer for backend website functionality and accompanying databases
- Worked in parallel with lead UI developer to ensure a smooth user experience
- Integrated APIs to assist with image compression and data storage
- Worked heavily with PHP, SQL, HTML and minor JavaScript to develop algorithms for editing and accessing database information and integration with the web application
- Available to view on GitHub and www.stuudeo.com

### NCHS Autoshop Website

Software Engineer

Jan 2019- May 2019, Naperville, IL

- Performed Software Engineering 2 capstone course during my senior year of high school. Students had the opportunity to provide software solutions to a business problem of their choice
- Created a website with HTML, Python, Flask and SQLite in a team of 4 to allow users to input requests for vehicle repairs
- Developed the database and access/alteration functions with lead software engineer

## EDUCATION

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University of Illinois at Chicago

Bachelor of Science, Computer Science — College of Engineering

Expected: December 2023, Chicago IL

## SKILLS

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**Language:** C++, C, C#, Java, Python

**Web development:** PHP, HTML

**Database:** SQL, SQLite

**Other:** Agile Methodologies, Jira Cloud

## RELEVANT LINKS

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**GitHub:** <https://github.com/SeanKudrna>

**LinkedIn:** <https://www.linkedin.com/in/sean-kudrna-2b634312a/>