Sachin Reddy

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
BS in Computer Engineering
Grad. 2018 | Urbana, Illinois

GSMST
High School
Grad. May 2014 | Lawrenceville, Georgia

COURSEWORK

UNDERGRADUATE
Algorithms
Data Structures
Artificial Intelligence
Digital Systems Laboratory
Computer Systems Engineering
Embedded Systems

SKILLS

PROGRAMMING
Most Used:
• Python • C# • CSS
• JavaScript • HTML
Used Before:
• C • C++ • Java
• Swift • SQL • Assembly
• SystemVerilog • MATLAB
Technologies:
• Linux • iOS • Arduino • TTL • Unity

DESIGN
• Adobe Photoshop • Adobe Premiere • Adobe After Effects
• AutoDesk Inventor • Maya
• AutoDesk 3Ds Max

LINKS

LinkedIn:// **ssreddy2** 🔗
Github:// **sachinreddy1** 🔗

EXPERIENCE

FISERV | Software Engineering Intern
May 2018 – September 2018 | Alpharetta, Georgia
- Wrote a lexer and parser to convert PowerBuilder code to .NET code, resulting in approx. 80% of successful compilations.
- Implemented a syntactical tree with dynamic programming for the parser to recognize and represent syntax, while saving memory and reducing run time.

UNITED TECHNOLOGIES | Computer Engineering Intern
May 2017 – September 2017 | Huntington, Indiana
- Wrote a driver in C for a relay chip on an ARM processor for later implementation in a thermostat.
- Designed PCB board for compact integration into thermostat design.

CORNER'S PROPERTIES | Software Engineering Intern
May 2013 – December 2014 | Peachtree Corners, Georgia
- Worked as a intern developing the company's website using CSS, HTML, and JavaScript. Managed tenant databases with mySQL.

PROJECTS

TODOIST TASK TRACKER Dec 26 2018 | GITHUB.COM/SACHINREDDY1/TODOISTSCHEDULER
- A python application that gets objects from a Todoist's server and manages idle and working time.
- Statistics are given while data is collected over an extended period.
- Used Tkinter for shell GUI.

PERSONAL WEBSITE Jan 20 2019 | GITHUB.COM/SACHINREDDY1/PERSONALWEBSITE
- A personal website developed with HTML, CSS, and Javascript.
- Using Gulp, NodeJS, and Jekyll to update and develop the web page.
- Hosting files on AWS' Cloud Front for faster reads.

TEXT EDITOR Nov 10 2018 | GITHUB.COM/SACHINREDDY1/EDITSR
- A command-line text editor, like vim, written in C.

INTERESTS

• Reading
• Writing
• Making short films