

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