A picture containing drawing

Description automatically generated **SAI TEJA CHOKKARAPU**

**Website**

**Email: chokkarapu@wisc.edu**

**Phone: +1(608)-466-0059**

**GitHub: github.com/withteja**

**sai-teja.com**

**Education**

**University of Wisconsin-Madison Madison, WI**

Bachelor of Science, Major: Computer Science

Major Cum GPA: **3.52** **May 2021**

**Relevant C­oursework**

Data Structures, Algorithms in **C++** and **Java**, Programming in **C**, Introduction to Artificial Intelligence in **Python**

Machine Organization & Basic Systems, Operating Systems.

# Recent Experiences

# Software Engineer Intern Tautum Games LLC, California Jul 2020 - Sept 2020

# Phase 1

# Implemented Stackdriver uptime checks on Google Cloud Platform to check the activity of all endpoints

# in different regions. RESTful API, GCP.

# Injected APIs locally to resolve various failing API’s which increased the accuracy of running the application from 15% to 85%. Unity, C#.

# Created Unit tests for the SDK’s and improved the performance of the application by 50%.

# Phase 2

# Created documentation about what APIs are called, what fields are missing, in which order and on what screens, which APIs are failing, why are APIs failing.

# Added classes, methods, inline-comments as part of DOD (Definition of done) to the existing project which improved code readability.

# Undergraduate Teaching Assistant University of Wisconsin – Madison Aug 2020 - Present

# Selected based on proficiency in the course and its concepts. C and Machine Organization

# Held office hours, review sessions and developed practice problems to help students in their coursework.

# Achievements

## Best Educator/Student tool (2020) Awarded at HackMadison, WI for Collabwatch

* **UW Madison ACM-ICPC Coding Contest (2019)**

Participated in a day long coding competition against UW Madison’s top coding talent Placed 6th overall.

**Projects**

**CollabWatch Jun 2020**

* Developed a web application that allows you to watch class lectures with your friends or with randomized strangers.

Technologies: **Node.js, Amazon EC2, Heroku, PM2, HTML, CSS, Bootstrap, socket.io.**

**BonePhone *Jan 2020***

* Built a real-time, non-EHR based, electronic consultation (e-consult) IOS app to connect the pediatric orthopedic specialists at AFCH to healthcare providers throughout the state of Wisconsin.
* Used Twilio Video SDK’s and API’s to embed video calling and scheduling feature to the app.

Technologies: **Swift, Xcode, Google Firebase, Twilio API, Twilio SDK.**

**WiscBook Dec 2019**

* Created a JavaFX application similar to Facebook but this application is specifically for College Students to connect each other with their current projects.

Technologies: **Java, JavaFX**.

**Languages and Technologies**

* C, C++, Java, Python, C#, JavaScript, Bootstrap, Node.js, HTML, CSS, x86, Junit.
* AWS, XCode, Figma, Microsoft Excel Postman, JavaFX, x86 VHDL, Firebase, RESTful API.