

# Luka Brown

San Marcos, TX 78666 | lukab.dev@proton.me  
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## EDUCATION

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**Texas State University**

August 2019 – May 2023

**Bachelor of Science in Computer Science**, Applied Mathematics Minor

San Marcos, TX

**Overall GPA:** 3.3 / 4.0

**Coursework:** Parallel Programming, Algorithm Design and Analysis, Machine Learning, Operating Systems, Computer Security, Database Systems, Applied Linear Algebra, Software Engineering, Computer Architecture

## RELEVANT PROJECTS & EXPERIENCE

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**Secure Voting System (Python)**

October 2022 – November 2022

*Project Lead*

[github.com/lukabrown/Secure-Voting-System](https://github.com/lukabrown/Secure-Voting-System)

- Utilized Jupyter as an IDE and implemented DAGs to create a secure decentralized voting simulator
- Implemented TangleCV and blockchain technology to weigh the validity and trust of stored data

**Pointe San Marcos**

August 2021 – October 2022

*Lead Leasing Agent*

San Marcos, TX

- Achieved top performance by selling 40% more leases than coworkers over 6 months
- Created impactful resident connections and increased renewal rate by 18% from 2021 to 2022

**Twitter**

May 2021 – July 2021

*Software Development Intern*

San Francisco, CA

- Utilized SQL to analyze engagement data and develop insights to evaluate marketing campaigns
- Conducted optimization on C++ components in data processing pipeline, 15% improvement in speed
- Created a PHP-based tool to automate the collection and processing of user feedback

## EXTRACURRICULARS

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**Texas State Esports Club**

August 2020 – May 2022

*Collegiate Overwatch Grandmaster Challenger*

San Marcos, TX

- Collaborated with team captains to analyze gameplay and improve team performance
- Acted as a mentor to new members of the team

## TECHNICAL SKILLS

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**Languages:** C/C++, Python, Java, CUDA, SQL, PHP, HTML, CSS, JavaScript, x86/MIPS Assembly

**Libraries:** PThreads, OpenMP, MPI, JUnit, Pandas, NumPy, Altair, Scikit-learn

**Certifications:** Microsoft Technology Associate: Programming Using Python

March 2019

**Skills:** GitHub, Linux, Ubuntu, GDB (Debugging), Jupyter