

Nicholas Wanner

nickrwann@gmail.com | 832.349.0727 | www.linkedin.com/in/nick-wanner

Education

Texas A&M University

BS in Computer Engineering, Minor in Cyber Security

May 2021 | College Station, TX

Summa Cum Laude

GPA: 3.94 / 4.0

Coursework

Data Structures & Algorithms

Computer Architecture & Design

Operating Systems

Principles of Data Science

Artificial Intelligence

Skills

Languages: C/C++, Python, C#, JavaScript, CSS, Node.js

Tools: Git/Github, MySQL, PostgreSQL, Seaborn, Pandas, Matplotlib, Numpy

Experience

Dell / Software Engineer, CTO Software PoC Team

June 2021 - Present | Austin, TX

- Executed an AI/ML model optimization project...
- Filed five patents in gaming and wireless technology areas...
- Reduced gaming latency jitter...
- Wrote embedded code for "NYX" wireless PC controller project...
- Led proof of concept development...

Dell / Software Engineer, CTO Tech Strategy Team

June 2021 - Present | Austin, TX

- Optimized system resource sharing...
- Designed software and hardware architectures...
- Collaborated with stakeholders and vendors...

Dell / Software Engineer Intern

June 2020 - Aug 2020 | Austin, TX

- Developed incubations within the Office of the CTO...
- Led incubation hardware and software architecture design...
- Developed a POC for new touchpad technology...

Texas A&M / Peer Teacher

June 2019 – Aug 2019 | College Station, TX

- Taught *Intro to Computer Systems* to 35 students...
- Developed and adapted lesson plans...

Thought Trace / Data Science Intern

Jan 2018 – Aug 2018 | Houston, TX

- Developed web applications for machine learning data labeling...
- Provided fully populated ontology for front-end UI validation...
- Engaged in SCRUM and team problem-solving...

Projects

Multi-Instrumental Tactile Synthesizer (MITS)

Tools: Arduino, Swift, Reaper (DAW)

Built gloves translating hand gestures into digital instruments...

Receipt Reader

Tools: Node JS, HTML, CSS, Google APIs

Developed a web application for uploading receipts...

Measurement Gloves

Tools: Arduino, Flutter

Built gloves to measure drone pilots' grip...