Gabriel Stella

GabrielRStella@gmail.com | gabrielrstella.com

601 Luther Street West
College Station, TX 77840

Objective	To display this resume on my website and garner interest in my skills
Interests	Artificial intelligence, distributed systems, software architecture, hardware programming
Education	**Texas A&M University**, College Station, TX, May 2019 *Bachelor of Science in Computer Science, Minor in Mathematics* GPA: 4.0

Courses

- Data Structures and Algorithms
- Discrete Structures for Computing
- Introduction to Computer Systems
- Design and Analysis of Algorithms
- Linear Algebra
- Programming Languages
- Computer Organization
- Programming Studio

Skills

Proficient	Java (7+ years of experience), C++, JavaScript
Intermediate	Haskell, Python, Ruby, Git, Node.js, React, HTML, CSS, Swift

Projects

- Wrote multiple iOS game apps (Summer 2018; Swift)
- Created a guided rocket evolution simulator (Winter 2018; Java)
- Built a website from scratch (Fall 2017; HTML, JavaScript, CSS)
- Programmed a graphical game using FLTK (Spring 2017; C++)
- Trained neural networks to play tic-tac-toe (Spring 2017; Java)
- Wrote a feedforward neural network library with gradient descent (Spring 2017; Java)
- Implemented the board game Battleship in multiple languages (Fall 2016; Python, Ruby)
- Connected a Raspberry Pi to a Naze32 flight controller (Summer 2016; Python)
- Designed a multi-server communication network (Spring 2014; Java)
- Implemented Conway's Game of Life (Fall 2013; Java)
- Wrote a virtual "Laser Chess" game (Fall 2013; Java)

Work

Texas A&M University, 400 Bizzell St, College Station, TX 77843

August 2017 – December 2017

- Served as a peer teacher for CSCE 121, Introduction to Program Design and Concepts

Sympliact, 1505 Emerald Plaza, College Station, TX, 77845

February 2017 – July 2017

- Worked on a team developing medical software for a local surgeon
- Acted as full-stack web developer and project manager

Activities

Aggie Coding Club, Texas A&M University, Fall 2016, Spring 2017

- Managed a group of 5 working on a website for the club

Aggies Invent IoT, Texas A&M University, October 2016

- Created a traffic control system using hardware and software programming

Languages

- Basic proficiency in German (4 years of high school experience)

Awards

- Texas A&M President's Endowed Scholarship
- Dean's Honor Roll
- National Merit Scholar Finalist
- National German Exam (level 4) Gold Award
- National AP Scholar Award
- "Best Game" at Codeday Houston Winter 2014