

# JUNYUAN TAN

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## EDUCATION

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**The University of Texas at Austin**

May 2019

*Bachelor of Arts, Plan II Honors & Government*

- GPA: 3.8
- Honors: Phi Beta Kappa, University Honors, Dean's List

## EXPERIENCE

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**J.P. Morgan** – New York, NY

June 2018 -

*Software Engineering Intern*

- Core Javascript & C++ developer on [Perspective](#), J.P. Morgan's open-source data-visualization platform used on trading floors and developers around the world.

**Textron** – Fort Worth, TX

June - August 2017

*Software Engineering Intern - Enterprise Digital Solutions*

- Implemented test-driven development by creating the inaugural custom unit testing framework in C# for ERIC, Textron's intranet/employee portal used by 35,000 employees.
- Saved employees time by developing a C# Cortana chatbot, allowing employees to quickly access HR information, bookmarked links, and shortcuts to company tools from their start menu.
- Aggregated and displayed service statuses by building a Python REST API and dashboard that allows different teams at Textron to push outage notices, status updates, and maintenance warnings to a unified location.

**The University of Texas at Austin** – Austin, TX

August 2015 - December 2017

*Student Technology Assistant*

- Created a new paradigm for online teaching methodology at UT by designing, building, and maintaining Clío, a web learning management system built in Laravel/AngularJS/VueJS and used by 750+ students across multiple courses at UT-Austin.
- Delivered accurate metrics to professors by developing a Laravel/AngularJS video analytics API and dashboard able to analyze 60 million rows of viewer data from UT's online course catalog.

**The Daily Texan** – Austin, TX

August - December 2016

*Web Director*

- Helped incoming students make better housing choices by building an AngularJS interactive [housing explorer](#) with student reviews, a responsive map, custom comparison filters, and data persistence using local storage.
- Memorialized the 50th anniversary of the UT tower shooting by developing a Jekyll web app for the Texan's coverage on that day, featuring story collections, obituaries, and a memorial section for its victims.
- Spearheaded the online and interactive efforts of UT's official student newspaper by leading a team of 7 developers, designers, and artists to create digital features for stories and topics.

## PROJECTS

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- **[squarecropper](#) (2018)** Cropped images intelligently and quickly into squares for use in album and playlist cover art utilizing NodeJS and AWS S3.
- **[s3-tinify](#) (2017)** Compressed images by 50% by building a multithreaded Python module using TinyPNG and AWS APIs to compress, tag, and overwrite images in a given S3 bucket.
- **[Daily Texan Student Government Explorer](#) (2017)** Ensured accountability of student government election candidates by tracking platforms, statements, and positions through a Django application.
- **[The Tejas Club](#) (2017-)** Rebranding the online presence of the Tejas Club (a men's social organization at UT) by rebuilding the website with a scratch-built custom Wordpress theme, plugins, and backend editor UI with AngularJS integration.

## SKILLS

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- **Full-stack software engineer:** fluent in Python, PHP, Javascript (React, Vue, AngularJS, Node), C#/.NET Framework, HTML/CSS. Experienced in C++, REST API design, app security, Unix server administration, SQL, data visualization, Git, Agile.
- **UI/UX/visual designer:** fluent in UI/UX design, Sketch, Adobe Photoshop, Lightroom, Illustrator, InDesign. Experienced in Adobe Premiere, After Effects, and motion design.

## ADDITIONAL

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- **Honors:** 10th in the nation, Congressional Debate (2015). 3rd in Texas, Extemporaneous Speaking (2015)
- **Language Fluency:** Native Mandarin Chinese, intermediate French
- **Work Eligibility:** Eligible to work in the U.S. with no restrictions.