

Junyuan Tan

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Experience

INCOMING WEB DEVELOPMENT INTERN, TEXTRON

(JUNE-AUGUST 2017)

- Developing web applications and solutions for Textron, a Fortune 500 aerospace and defense conglomerate.

COMMUNICATIONS INTERN, DELL MEDICAL SCHOOL AT THE UNIVERSITY OF TEXAS AT AUSTIN

(AUGUST 2016-)

- Created and built *Voices*, a web showcase of Dell Med's microsites, infographics, and videos - Wordpress/PHP
- Developed a commemoration site for UT-Austin's Centennial Park, and built tools for instantly listing and searching donor rolls with fuzzy JavaScript search and custom PDF generation - Wordpress/PHP/JS
- Built PHP interfaces for the Facebook, Twitter, YouTube, and Instagram APIs to streamline web development process

STUDENT TECHNOLOGY ASSISTANT, THE UNIVERSITY OF TEXAS AT AUSTIN

(AUGUST 2015-)

- Lead front-end (and assistant back-end) developer on an integrated online course software used by UT for online extension courses - AngularJS, PHP, Laravel
- Developing a video analytics API and platform handling viewer data for UT's video-based online course catalog, parsing and analyzing over 60 million rows of data on demand - PHP, SQL, Laravel
- Built custom Javascript historical simulations for an online U.S. history course which explored historical data and stories in an engaging, interactive way - AngularJS, HighCharts, Mapbox

TECHNICAL OPERATIONS MANAGER, THE DAILY TEXAN

(AUGUST-DECEMBER 2016)

- Led a team of 7 developers, designers, and artists to create online features for various stories and topics
- Built an interactive on-campus [housing explorer](#) with student reviews, custom dormitory comparison filters, and data persistence using the local storage API - AngularJS, Mapbox, Jekyll
- Developed a web app for the Texan's coverage of the [50th anniversary of the UT tower shooting](#), which featured story collections and obituaries - Jekyll
- Streamlined the communication and assignment process within technical operations using Slack and Trello

DIGITAL LEAD, TEXAS DEMOCRATIC PARTY

(JANUARY-JUNE 2016)

- Wore multiple hats: time-critical web development, online fundraising, social media outreach, print and web graphic design, event photography, promotional videography/editing, motion graphics, and event production
- Developed TexasDemocraticConvention.com, MyTexasVotes.org, and LiftTexas.com for an audience of 20,000+.
- Managed event production + social media, designed signage during the 2016 Texas Democratic Convention for over 12,000 attendees and 150,000 followers

Featured Projects

- **s3-tinify (2017-)** Multithreaded module using the TinyPNG and Amazon Web Services API to compress, tag, and overwrite images in an S3 bucket for production image hosting — **Python**
- **Daily Texan Student Government Explorer (2017 -)** web app that tracks student government election candidates, makes public candidate positions and statements for better accountability — **Django, Sass, PostgreSQL, AWS S3**

Skills and Technologies

- **Full-stack developer:** Fluent in Javascript (Angular & Node), Python (Django, Flask), PHP (Laravel), web mapping technologies, HTML/CSS, Unix server administration, agile, and Git/SVN. Experience with SQL, API design, D3, and MongoDB.
- **UI/UX/visual/motion designer:** Adobe Photoshop, Lightroom, Illustrator, InDesign, Sketch. Experience with video editing/motion design, including Adobe Premiere & After Effects.
- **Award-winning photographer:** six years of experience in photojournalism, portraiture, travel, and landscape photography. 3rd place, Associate Collegiate Press Photo Excellence Award (2016).

Education

Class of 2019, The University of Texas at Austin

Plan II Honors/Government Major, Computer Science Minor. GPA: 3.91