

David Thong Nguyen

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ROCHESTER INSTITUTE OF TECHNOLOGY, 2018, Rochester, NY
B.S. in Software Engineering. Emphases in Software Usability and Psychology

Job Experience

Fancy Pants Group, New York, NY

Web Development Co-Op Intern (Aug 2016 - May 2017)

- Revived the internal project "Job The Builder" and carried it to deployment; currently responsible for maintenance
- Devised a bathroom-availability IoT app with TI Sensors and Slack webhooks
- Orchestrated a Lego-building Agile/Scrum activity for the New York headquarter on last day of internship

Undergraduate Admissions Office, Rochester Institute of Technology

Web Analyst/Developer Co-Op Intern (May - Aug 2016)

- Completely renovated the UAO homepage by migrating the core Joomla CMS template
- With approval from Publications, refined the RIT Channels (Feed Masher) UI in the university's homepage
- Constructed a module to query all academic programs with PHP and AJAX

Volunteer Experience

VATO E-commerce Corporation - FUTA Inc., Vietnam

Software Engineering Volunteer (May - Aug 2018)

- Mitigated conflicts between new and old teams as the mediator
- Aided the company's transition from a startup to a corporation
- Established an Agile mindset for the development team in 3 weeks

Top Projects

[Meteor](#) for StarRez, Inc. (Aug 2017 - May 2018). Senior Project - Airline-seat style room selection.

- Facilitated Scrum activities to refine scope with clients on weekly phone calls
- Removed initial heavy data load by migrating frontend technology to Angular 2
- Reengineered application into separated client side (Angular) and server side (ASP Web API)

Interactive Room Booking ASP.NET Agile/Scrum

[Job The Builder](#) (Oct 2016 - May 2017). <http://www.10000ft.com/blog/fancy-pants-group-case-study> Internal Operation Software

- Accelerates the FPG team's process of launching new client jobs.

- Optimized Producers' job start-up time from 30 to 5 minutes
- Streamlined 10+ API calls to 10,000ft, Box, Slack, and Trello into 1 form action
- Secured API endpoints with Auth0 JWT middlewares for the first time, amending security misconceptions

API Integrations Automation MEAN Stack

[Quiz Whizz App](#) (Aug 2016 - Sep 2016). Interactive Math Quiz Application - Code challenge by Fancy Pants Group to gauge full-time candidates' execution, approach, creativity, and thoughtfulness.

- Exceeded expectations by producing the app within 2 weeks during internship
- Incorporated JS animating skills after 1 week of exploration and training
- Showcased self-taught web app development skills to the entire HQ

Hyper-Casual Game MEAN Stack JS Animation

[CakeBook.io](#) (Jan 2016 - May 2016). First Personal Web App - Intuitive recipe book for cake lovers.

- Managed entire lifecycle of the project: concept, design, development, testing, and deployment
- Explored technologies and self-taught Angular 2 (in beta) as well as the rest of the MEAN stack
- Implemented Auth0 flow for Facebook and Google authentication

Productivity App Responsive Design OAuth2 MEAN Stack

Skillset

Software Engineering: Agile/Scrum, software design patterns, UML Modeling, usability testing

Technology: full-stack web app development, responsive designs, Heroku deployment

- **Frontend:** Angular 2+ in TypeScript, JavaScript, Ionic Framework
- **Backend:** Java, Node, ASP.NET, Python, MongoDB, MySQL
- **Design:** Sass/SCSS, Bootstrap 4, Semantic UI, JS Animation
- **Want To Learn:** C++, Swift, React, Vue, PHP, Unity3D