

David Thong Nguyen

Impact-Oriented Software Engineer

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Education

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, NY
Expected graduation Dec 2018

Bachelor of Science in **Software Engineering**
Concentration: **Usability** Minor: **Psychology** GPA: **3.24**

Career

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
- ✓ Crushed expectations by producing a full-stack, animated quiz application within 2 weeks
- ✓ Devised a bathroom-availability IoT app with TI Sensors and Slack webhooks
- ✓ Orchestrated a Lego-building Agile/Scrum activity for the New York headquarter

Undergraduate Admissions Office, Rochester Institute of Technology

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

- ✓ Renovated the Undergraduate 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 new Joomla CMS module to query academic programs with PHP and AJAX

Top Projects

***Job The Builder (Oct 2016 - May 2017).** <http://www.10000ft.com/blog/fancy-pants-group-case-study> Internal Management Software - Accelerates FPG Production team's process of launching new projects.

- ✓ Optimized Producers' project start-up time from 30 to 5 minutes
- ✓ Streamlined API calls to 10,000ft, Box, Slack, and Trello into a single submission form
- ✓ Secured API endpoints with Auth0 JWT middlewares for the first time, amending security misconceptions
- ✓ Coordinated with the COO to gather requirements and realized the final product

Automation Progressive Web App Agile/Scrum MEAN Stack SemanticUI

CakeBook.io (Jan 2016 - May 2016). Personal Responsive Web App - Intuitive recipe book for cake lovers.

- ✓ Managed entire lifecycle of the project: concept, design, development, testing, and deployment
- ✓ Self-taught Angular 2 in TypeScript, SCSS, Mongoose ODM for MongoDB, Node, and Express
- ✓ Implemented Auth0 flow for Facebook and Google authentication

Productivity App Responsive Design OAuth2 MEAN Stack

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)
- ✓ Ranked 4th out of 19 teams presenting to Industrial Advisory Board and department faculty

Room Booking Canvas Manipulation Image Processing ASP.NET