David Thong Nguyen

Progressive Web & Mobile Engineer / Scrum Master
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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**

💼 Work Experience

VATO E-commerce Corporation - FUTA Inc., Vietnam
Software Developer (Since May 2018)
- Prototyping a supplier-side mobile application with Ionic Framework to expand the e-commerce ecology
- Creating a Java/Scala authentication service for all clients' API calls
- Acting as Scrum Master for the development team

Fancy Pants Group, New York, NY
Web Development Co-Op Intern (Aug 2016 - May 2017)
- Developed and released an internal project management tool for the Production team
- Experimented Internet-of-Things via Slack integrations and webhooks
- Showcased execution, approach, and creativity by building a full-stack quiz application
- Organized and led a Lego-building Agile/Scrum activity for the New York headquarter office

Undergraduate Admissions Office, Rochester Institute of Technology
Web Analyst/Developer Co-Op Intern (May - Aug 2016)
- Redesigned the Undergraduate homepage by migrating the core Joomla CMS template
- Redesigned the RIT Channels (Feed Masher) in the university's own homepage
- Developed a Joomla CMS module to query academic programs with PHP and AJAX

</> Top Projects

QuesterZ (Since Mar 2018). *Personal Entrepreneurial Pet Project - Online service aggregator for various local services.*
- Devised a rough business model that includes value proposition, customer segments, revenue streams, etc.
- Developing with the cross-platform Ionic Framework on top of the MEAN stack

`Entrepreneurial` `Cross-Platform` `Ionic` `Angular 5` `Bootstrap 4`

Meteor for StarRez, Inc. (Aug 2017 - May 2018). *Software Engineering Senior Project - Airline-seat style room selection.*
- Solved drawing rooms' varying shapes by using canvas manipulation
- Leveraged image processing to pre-draw room corners on blueprints to improve user experience
- Migrated ASP.NET Razor Markup frontend technology to Angular 2
- Presented the final product to SE Industrial Advisory Board members and department faculty

`Room Booking` `Canvas Manipulation` `Image Processing` `ASP.NET`

Job The Builder (Oct 2016 - May 2017). *http://www.10000ft.com/blog/fancy-pants-group-case-study Internal Project Management Software - Service integrator web application that accelerates FPG Production team launch new jobs.*
- Optimized Producers' project start-up time from 30 to 5 minutes
- Integrated APIs from 10kFt, Box, Slack, and Trello in a single submission form
- Secured end-to-end communication using Auth0 JWT middlewares
- Managed requirements gathering, development, usability testing, deployment, and maintenance

`Automation` `Progressive Web App` `Agile/Scrum` `MEAN Stack` `SemanticUI`

CakeBook.io (Jan 2016 - May 2016). *Personal Responsive Web Application - Easy-to-use recipe book for cake lovers.*
- Self-taught Angular 2 in TypeScript, SCSS, Mongoose ODM for MongoDB, Node, and Express
- Implemented Auth0 for Facebook and Google authentication
- Managed entire lifecycle of the project: concept, design, development, testing, and deployment

`Productivity App` `Responsive Design` `OAuth2` `MEAN Stack`

🐾 Skillset

🎨 Proficient

Technology: Progressive web app development
> ➤ **Frontend**: Ionic Framework, Angular 2+ in TypeScript, JavaScript
> ➤ **Backend**: Node, Express, MongoDB, Mongoose ODM, Java, ASP.NET, MySQL
> ➤ **Responsive web design**: Sass/SCSS, Bootstrap 4, Semantic UI

Process: Agile/Scrum project management (Trello)
People: knowledge sharing and communication (Slack)
Product: design patterns, UML Modeling, usability testing

🎨 Learning

Classes: The Complete Junior to Senior Web Developer Roadmap
Technology: Play Framework, React, Vue, GSAP TweenMax, ScrollMagic, PHP, SQL, Python, Unity3D, Raspberry Pi
Artistic: Adobe Photoshop, Autodesk 3D Studio Max, song recording