DAVID

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Highlight
- **1 year of professional experience and 1 year working with an external corporate before graduation**
- Spearheaded 3 functional full-stack projects, as well as collaborated with over 10 different software teams
- Faithfully adhere to Scrum's point system on a daily basis

Professional Experience
Web Development Intern - Fancy Pants Group (Aug 2016 - May 2017)
- Revived the internal project "Job The Builder" from requirements to deployment in 6 months
- Devised a bathroom-availability app with sensors and webhooks to explore the latest IoT technologies
- Orchestrated a Lego-building Agile/Scrum activity for the New York headquarter on last day of internship

Web Analyst/Developer Intern - Undergraduate Admissions Office @RIT (May - Aug 2016)
- Timely executed the delayed homepage renovation plans by migrating the entire core Joomla CMS template
- With approval from Publications, refined the RIT Channels' UI in the university's homepage
- Constructed a module to query all academic programs with PHP and AJAX in 2 days

Volunteer Experience
Software Engineering Volunteer - VATO E-commerce Corporation of FUTA Inc., Vietnam (May - Aug 2018)
- Researched and provided analysis on the major technologies such as Play Framework vs. ExpressJS
- Prototyped a new service application based on business needs with Ionic cross-platform framework
- Introduced an Agile mindset for the development team in 3 weeks

Projects
Meteor for StarRez, Inc. (Aug 2017 - May 2018). Senior Project - Airline-seat style room selection for StarRez, a world-leader in providing student housing software.
- Met final release goals after 12 biweekly sprints
- Completely removed heavy, upfront data fetching by leveraging Angular 2's robust asynchronous web requests
- Reengineered ASP.NET's highly coupled MVC structure to only exposing web API endpoints

  `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 - 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 in 2 weeks during internship
- Incorporated JS animating skills after 1 week of exploration and training
- Showcased self-taught web app development skills to the New York headquarter of 20 members

  `Hyper-Casual Game` `MEAN Stack` `JS Animation`

CakeBook.io (Jan - May 2016). First Personal Web App - Intuitive recipe book for cake lovers.
- Managed entire lifecycle of the project for 80+ hours from free time alone
- Self-taught Angular 2 (in beta) despite lack of support on StackOverflow
- Sought out mentors and materialized knowledge after watching tutorials for 10+ different technologies

  `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+, TypeScript, JavaScript, Ionic Framework
- **Backend**: Java, Node, ASP.NET, C#, Python, MongoDB, MySQL
- **Design**: HTML5, Sass/SCSS, Bootstrap 4, Semantic UI, JS Animation
- **Want To Learn:** C++, Swift, React/React Native, Vue, PHP, Unity3D

Education
Rochester Institute of Technology
B.S. in Software Engineering, '18
Emphases in Software Usability and Psychology