

JOE JEAN

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EDUCATION

New York University Abu Dhabi

2012 - 2016

Bachelor of Science in Computer Science. GPA: 3.37 / 4.00

EXPERIENCE

Software Engineer | Namshi.com (Rocket Internet), Dubai

March 2017 - Present

- Designed and implemented a Node.js application that allows the merchandising team to perform price changes, approvals and tracking for thousands of products.
- Developed a program with Python, BigQuery and AWS SQS to send abandoned cart, surf and wishlist reminder emails to our customers; thus resulting in an additional few hundred orders per week.

Junior Software Engineer | Namshi.com (Rocket Internet), Dubai July 2016 - February 2017

- Helped design, plan and build the new Product Catalog API in Node.js. I managed to improve the performance of the the product detail endpoint by 67%.
- Built a proxy API for the product recommendation feature on Namshi.com that generated an e-commerce conversion rate of 3.40%.
- Built, using Go, a product image downloader that saved the Production and PR team a lot of time.
- Fixed bugs and implemented new features in the legacy PHP codebase.

Back-End Developer Intern | CRISSP-AD, Abu Dhabi

February 2016 - June 2016

- Built a real-time cyber security data monitoring and visualization platform at NYUAD's Center for Interdisciplinary Studies in Security and Privacy (CRISSP-AD). Among other technologies, I used Elasticsearch, Python, and Kibana.

Developer | Recurse Center, New York

Summer 2015

- Worked on projects such as a Lisp interpreter in C, a WSGI web server in Python and a URL shortener using Python, Flask, SQLite and Bootstrap.

PROJECTS

NYUAD Course Review Website, <http://cr.sg.nyuad.org>

Summer 2013

- Built and maintained a web application that allows more than 700 NYU Abu Dhabi students to read and write course reviews. The application's technology stack consists of: Flask, Bootstrap, jQuery, SQLAlchemy with PostgreSQL and Heroku.

SKILLS

- **Programming Languages:** JavaScript, Python, PHP, Go.
- **Web and Internet Technologies:** Node.js, Express, Flask, Django, CodeIgniter, HTML, CSS, Bootstrap, JSON, Web API, jQuery, Knockout.js.
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB, Redis.
- **Other Tools:** Windows, Linux (Ubuntu), AWS, Heroku, CircleCI, Git, GitHub, Docker.
- **Languages:** Fluent in English, French, and Creole.

AWARDS

HACK2040 Hackathon, New York, USA

June 2015

- Foursquare's Global Impact Prize
- CODE2040's Technically Difficult Prize