

# 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

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

**July 2016 - Present**

- 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 a product image downloader that saved the Production and PR team a lot of time.
- Wrote bug fixes, and implemented new features in the legacy 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**

- Wrote a Lisp interpreter in C.
- Built a WSGI web server in Python.
- Built a URL shortener using Python, Flask, SQLite and Bootstrap.

**Summer Research Assistant | NYU CIMS, New York**

**Summer 2014**

- Implemented a system which recommends stores that are good fits for a given shopping center.
- Programmed Python scripts to scrape the web for a list of shopping centers and their stores in the United States.

## 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