

Do Nhat Minh

Code <http://github.com/mrordinaire>

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Experience

Viki Inc – Software Engineer (Platform)

- Jun 2014 – Present
 - Working on backend which follows API-driven microservice architecture
 - Adding capabilities to the backend to support new user-facing features
 - Maintaining site uptime
 - Created isolated environments for architectural components using Docker, reducing maintenance effort in case of component failure

VentesWorks Pte Ltd – Software Engineer Intern

- Jun 2013 – Aug 2013
 - Installed and maintained the company's servers on EC2 instances
 - Developed a data importer from CSV to MongoDB, achieving speed twice as fast as Pentaho's

Ubisoft Singapore Pte Ltd (**Assassin's Creed IV: Black Flag**) – Gameplay Programmer Intern

- Jul 2012 – Dec 2012
 - Implemented internal tools to be used by level designers
 - Prototyped automatic camera system for the official game

Projects

status – extensible static site generator in Clojure

- Dec 2013
 - Pipelined architecture with focus on extensibility

Pyscheme – Scheme interpreter in Python

- Dec 2011
 - Developed this in three days after reading The Little Schemer
 - Demonstrated comprehension of concepts in functional programming

Extra-Curricular Activities

NTU Open Source Society – **Vice President**

- Aug 2012 – Apr 2014
 - Organizing workshops to spread technical knowledge to NTU student body
 - Promoting software development in NTU

Mozilla's Rust – **Open Source Contributor**

- Jul 2013 – Dec 2013
 - Removed unnecessary misfeatures from the standard library
 - Added signal handling support to the standard library

Achievements

Mar 2011 Mod Anything! 24hr Hackathon by NTU Venture – **Third prize**

Feb 2011 CodeCom 2011 by NUS Hackers – **Consolation prize**

Apr 2010 Ho Chi Minh City's Programming Contest for High School Students – **Second prize**

Skills

Programming Languages

Ruby, Go, Coffeescript, Clojure, Python, C, C++, Java, Scheme, Prolog

Tools

vim, docker, git, linux

Education

Nanyang Technological University - Bachelor of Engineering in Computer Science

- Aug 2010 – May 2014
 - Cumulative GPA **4.17 / 5.0**
 - Teaching assistant (developed lab manual materials)
 - Worked on an **EDF scheduler** for Micrium µC/OS-III, a real-time operating system for **embedded devices**