Do Nhat Minh

Contact Information

Code	github.com/mrordinaire
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Work Experience

Viki Inc. (viki.com) – Platform Engineer   **Jun 2014 – May 2015**

- Containerized services for speedy recovery measures, easy deployment and better security (brought down deployment time from 20 minutes to 5 minutes)
- Worked with Amazon S3, Redis, RabbitMQ, PostgreSQL, Ruby and CoffeeScript to deliver high performance backend API for hosting celebrities information on Viki in order to increase viewer engagement (see viki.com/celebrities for an example)
- Maintaining and improving uptime of api.viki.io, the backend API for Viki products (website, iOS app, Android app, Samsung TV app, etc.) and third party clients (wuaki.tv, tempo.co, myasiantv.com, etc.)
- Developing integration testing tool for multi-service black box testing

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) – Intern Programmer

Jul 2012 – Dec 2012

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

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)

Projects

Grokking Engineering (grokkingengineering.org)   **Oct 2014 – Present**
Organizing Team

Building a community of good software engineers in Vietnam

- Organize talks and coding challenges to help raise the bar for software engineers in Vietnam
- Experiment with new ways to deliver vision

NTU Open Source Society – **Vice President**   **Aug 2012 – Apr 2014**

- Organized workshops to spread technical knowledge to NTU student body
- Promoted 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

NTU Open Source Society – **Technical Director**   **Sep 2011 – Aug 2012**

- Organized Software Freedom Day celebration in NTU

- Gave presentation on Ubuntu basics in Ubuntu Install-fest

University Projects

Final Year Project   **Jan 2014 – May 2014**

- EDF scheduler for Micriµm µC/OS-III, a real-time operating system for embedded devices

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

SmartPlanner (Awarded Best in Computing Innovation and Design Programme)

Leader of User Interface team   **Aug 2011 – Dec 2011**

- Coordinated work of team members on the main User Interface
- Main contributor of pages with largest user-facing time

Achievements

Third prize	Mar 2011	Mod Anything! 24hr Hackathon by NTU Venture
Consolation prize	Feb 2011	CodeCom 2011 by NUS Hackers
Second prize	Apr 2010	Ho Chi Minh City's Programming Contest for High School Students

Skills

Programming Languages	**Ruby, CoffeeScript,** Go, JavaScript, Clojure, Python, C, C++, Java
Tools	**vim**, git, Redis, RabbitMQ, docker, fabric, linux