

**X VOID**

software engineer

**X VOID**

**X VOID**

**X VOID**

## experience

**X VOID**

Q3/2015–now

Software Engineer

- Developed, optimized and maintained the Opera browser for Android.
- Boosted the revenue of Opera for Android by 1.5% by escalating detected defects and possible solutions to upper management.
- Set a foundation for an Opera news reader product.
- Mentored a group of interns and guided them in different projects.

Q1/2015–Q2/2015 **Saab AB, Sweden**

Master Thesis Student

- Examined the effect of a system for semi-automated testing on the alignment between verification activities.
- Created a framework on which different automated or manual test technologies can be executed within a single test case in order to take advantage of the testing techniques' strengths.

Q4/2014–Q1/2015 **Chalmers University of Technology, Sweden**

Teaching Assistant

- Supervised and consulted 70+ undergraduate Master's students during laboratorial time in Empirical Engineering course.
- Supported lecturers with teaching-related duties, such as grading examinations or papers.

Q3/2011–Q3/2013 **ELCA Information Technology Limited, Vietnam**

Software Engineer

- Designed and implemented a process management system based on Windows rich client application using .NET Framework 4 and Oracle Database.
- Developed a tremendous number of automated tests using various technologies, e.g. unit tests, test scripts and GUI tests.
- Performed extensive exploratory manual tests in each of the deliveries, and reported test results.
- Maintained a document management system based on Windows rich client application using .NET Framework 3.5 and MS SQL Database.
- Addressed performance issues and provided improvement.
- Collaborated with officers and business technology team to perform necessary troubleshooting and resolutions for software systems.
- Planned and orchestrated internal deliveries of a maintenance software project.
- Successfully met all deadlines and dramatically reduced bug fixing time in every assigned projects.

## qualifications

1/2011

**IBM Certified Solution Designer**

IBM

Object Oriented Analysis and Design, vUML 2

## education

Q3/2013–Q3/2015 **M.Sc. in Software Engineering**

Chalmers University of Technology

GPA: 4.6/5.0

Honors or Awards:

— The *Swedish Institute Scholarship*, academic years

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The scholarship was awarded to highly qualified students in the EU.

Q3/2007–Q3/2011 **B.Sc. in Information Technology**

University of Science

GPA: 8.5/10.0

Honors or Awards:

— Title “*Student Typically Distinguished in 5 Aspects*” by Vietnam Union of Students, in 2010, 2011. The title was awarded to students who were typically distinguished in: academic achievements, social activities, soft-skills, physical fitness and participation in international events.

— Title “*Extraordinary Youth*” by the University of Science, in 2011. The title was awarded to students who had outstanding academic achievements and actively participated in school activities as well as social activities.

— 4th prize in “*Student Scientific Research - Euréka*” by Hochiminh City, in 2011. It was the municipal contest to encourage scientific research among students.

— Excellent prize in “*Scientific Research Garden*” by the University of Science, in 2010. It was the school contest to find innovative ideas for future scientific research.

## skills

### Knowledge

Software development – 8 years of experience, including 2+ years in industry.

Object-oriented analysis and design – certified by IBM.

Distributed systems and legacy systems – thesis work.

Agile methodologies including Scrum and XP – various school projects.

Project planning and management assistance – 6 months in industry.

Unit Testing, Modelling, Troubleshooting, Debugging, Performance Optimizing, Query Optimizing – 8 years of experience, including 2+ years in industry.

### Languages

C#, C++, Java – 8 years of experience, including 2+ years in industry.

C, JavaScript, HTML5, XML, Python, Haskell – 2 years of experience during school work and hobby projects.

### Technologies

LINQ, .NET Framework 4.5, Entity Framework, WPF, JUnit, NUnit, White UI Test Framework, MVVM Architecture, MVC Architecture – 2+ years in industry.

JPA, RESTful Web Services – various school projects.

### Environments




Windows XP/7/8, Microsoft Visual Studio 2013, Microsoft SQL Server 2005, Oracle Database, Eclipse, NetBeans – 2+ years in industry and various school projects.

### Soft-skills

Strong logical and analytical thinking, problem solving skill

Teamwork skill – 2+ years in industry and various school projects.

## projects

- Q1/2015–Q2/2015 **SeAT – Semi-auto**  work  
<https://github.com/s>  
A framework to unify different test technologies and techniques in a single test case in order to increase the efficiency of verification and validation activities.  
Main work: Developed such a framework for unifying test technologies to orchestrate test actions within a distributed system whose components communicate asynchronously. The framework, by default, supports 4 main adaptors to different technologies/techniques: Sikuli, Microsoft Unit Test, Windows Command Line and Manual Actions.  
Technologies: C#, Windows based, Sikuli, Python.
- Q3/2014–Q4/2014 **Makagiga-extension**   
<https://github.com/Daniel> extension  
An open-sourced project for doing a variety of tasks, such as to-do listing, text editing, or RSS reading.  
Main work: Extended the existing version (5.0) with extra functionalities: Dropbox connection, data synchronization among different devices, calendar synchronization with Google calendar, Facebook connection.  
Technologies: Java, Android, Dropbox API, Facebook API, Google Calendar API.
- Q3/2014–Q3/2014 **TravelBuddy**   
<https://github.co> ddy  
An open-sourced web project for creating travel packages including flight and hotel searching.  
Main work: Developed a website using web-service based approach and jAngular. Communicate with external APIs to retrieve flight and hotel information: Expedia Affiliate Network (EAN) - hotel booking API and QPX Express - flight booking API.  
Technologies: Java, HTML5, JavaScript, JPA, RESTful Web Services, EAN API, QPX API.
- Q1/2014–Q2/2014 **SupremeAgile**   
<https://github.com/> Team07  
An open-sourced Android project for assisting Agile practices.  
Main work: Developed an Android application communicating with GitHub and PivotalTracker in order to track for changes in the repositories and projects' user stories, then send notifications to developers about potential conflicts.  
Technologies: Java, Android, RESTful Web Services, GitHub API, Pivotal API.
- Q3/2010–Q2/2011 **KinectSlideController**  
A C++ project for assisting teachers in controlling slides.  
Main work: Developed a C++ project using Microsoft Kinect API to track for body movements and decode them into slide controlling actions.  
Technologies: C++, Microsoft Kinect API, Silverlight.  
Awards: 4th prize in "Student Scientific Research - Euréka" by Hochiminh City, in 2011; Excellent prize in "Scientific Research Garden" by the University of Science, in 2010.