LAM GIA THUAN

duckladydinh@gmail.com

EXPERIENCE

Research Assistant – Frankfurt University of Applied Sciences

📅 [May 2020 — now] ∪ [November 2016 — March 2018]　　　　📍 Frankfurt, Germany

- Prepared programming exercises, solutions, and lectures for students.
- Researched and wrote academic papers about optimization and AI.
  Publications in scholar.google.com/citations?user=TbQgL_QAAAAJ

Student Java Developer – 360 Treasury Systems AG

📅 March 2018 — March 2020　　　　📍 Frankfurt, Germany

- Tested new proofs of concept, generated code and created anything my bosses could imagine.
- Pursued time-intensive bugs such as the Nar-Maven-Plugin parallel build with multiple libraries problem.
- Developed various tools in Java (mostly), Python and JavaScript to support current & future development.
- Implemented a Kotlin infrastructure for CQRS integration testing to replace the existing 18,000-line XML tests.

Java Developer Intern – 360 Treasury Systems AG

📅 March 2019 — June 2019　　　　📍 Frankfurt, Germany

- Fixed and improved 70 - 100 front-end and back-end issues in JavaFX and Java over 14 weeks.
- Migrated legacy components to CQRS and 1-way data flow architectures in Java 8 and JavaFX.

Free-time Projects – GitHub

- **Universal Facts** - a personal website built with Flutter featuring quotes and life events: duckladydinh.github.io
- **Germus** - a Bash script to make German typing on US keyboard easier: github.com/duckladydinh/germus
- **PDF Remover** - a Python script to remove annoying text from PDF: github.com/duckladydinh/pdfremover

ACHIEVEMENTS IN GERMANY

ACM Programming Contests

- **German Collegiate Programming Contest** - Rank 28 (2017), 23 (2018, winner at the University of Mainz) and 17 (2019).
- **FAU Winter Contest** - Rank 7 in 2017 (runner-up at the Technical University of Munich).
- **Frankfurt UAS Programming Day** - Winner between 2016-2018.

Selected Other Competitions

- **Catalysts Coding Contest, Frankfurt** - Rank 3 in Summer 2017, Summer 2018, winner in Winter 2018, Winter 2019.
- **GECCO Challenge 2019 - Online Anomaly Detection for Drinking Water Quality** - Rank 2.
- **CIG 2018 Competition - The Fighting Game AI Competition** - Rank 2.

EDUCATION

Bachelor of Computer Science – Frankfurt University of Applied Sciences

📅 Winter 2015 — February, 2020　　　　📍 Frankfurt, Germany

GPA. 1.1 / 1.0 | **Thesis.** KotlinML, Kotlin for Machine Learning, available at: github.com/duckladydinh/KotlinML