

Faethon Milikouris

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EDUCATION

Oct 09 – Jun 13: Imperial College London - MEng Computing

Overall degree total: 72.8% (First Class Honors)

Core subjects: Programming, Operating Systems, Advanced Databases, Software Engineering-Design, Algorithms, Networks, Design Led-Innovation-Venture Creation, Entrepreneurship, Distributed Systems

Meng Final Year Project – AutoPig - Overall Grade: 79%

Investigate techniques and develop tools for automatic generation of Apache Pig scripts, using IQL, a list comprehension based language and Python to perform data integration of a number of Big Data sources. The languages used for the tool were Java for the data integration, Python for the compiler, IQL as a source language and Pig Latin as the target language of the scripts.

Beng Final Year Group Project – SpeakerRec - Overall Grade: 82%

Implement a voice recognition and identification platform in Java, using Vector Quantization and Euclidean distance methodologies to identify users through their voice samples stored in the database with 99% accuracy across the entire university sample.

The platform was shortlisted for project of the year award.

Sep 04 –Jun 07: Agios Nicolaos Lyceum Cyprus - (School Leaving Certificate) – Overall grade: 19.44/20

Core Subjects: Mathematics (19), Physics (18), Computer Science (19), Office Skills (20).

Achievements

- Coordinated the first prize-winning team on the 1st National Technology Competition of University of Cyprus for the Robotics Team Competition 2006. The same team reached the semifinal stage the following year's competition.
- Part of the Cyprus representative team in the European Parliament in Brussels meeting of 2007.

GCE Examinations: A' Levels: Mathematics (A), Further Mathematics (A), Computing (B)

SKILLS

Technical: Programming: Java, Ruby, Python, SQL, JavaScript, HTML, CSS, C++ , Prolog, Haskell

Frameworks: Rails, Sinatra, Django, JQuery, Bootstrap, AngularJS

Databases: Oracle 11g, PostgreSQL, Apache Pig, MongoDB,

Web/App Servers: Apache HTTP Server, Puma.

Business Intelligence: SAP Business Objects, Gephi, QlikView, SPSS

Development Practices: Agile, TDD, BDD

Languages: Greek (Native) and English (Fluent)

Social:

- Selected as a member of Silicon Valley Internship Program 2015-2016 to work for LoopUp in San Francisco for a year
- Treasurer of Imperial College London Cyprus Society year 2011-2012

Sports:

- Certified Open Water Diver
- Member of Imperial College basketball team 2010 -2012
- Member of the Kickboxing team of Imperial College London for the year 2009-2010

WORK EXPERIENCE

Jan16 – Present: LoopUp– Full Stack Software Engineer, San Francisco, USA

Responsibilities:

- Full Stack Developer in Platform Team working on C#, Ruby on Rails and Python
- Build api services that support the feature team
- Implement a full E2E testing framework using Python regressing tests, C# Unite testing and Bamboo for continuous integration
- Acting Scrum Master of Platform team

Sept 15 – Jan16: Valuation Metrics Software – Full Stack Software Engineer, San Francisco, USA

Responsibilities:

- Code across the entire Valuation Metrics platform using Ruby on Rails for backend and JQuery for frontend
- Implement proprietary algorithms to match potential investors with public companies. My main contribution was implementing the VM- Match; an algorithm that combines 6 valuation models into a unified match score

- Implement publishing functionality of Company Detail Reports in PDF, Powerpoint and Excel using Ruby Prawn, powerpoint and xls gems respectively
- Improve user experience using JQuery, AngularJS
- Implement template functionality using Pure.js and JQuery widget factory
- Implementation using Behavior Driven Development.
- Deployment using Capistrano

Sept 14 – Sept 15: Intellection Software – Full Stack Software Engineer– Client Delivery – London, GB

Responsibilities:

- Code extensively on Ruby on Rails, JavaScript, Postgres, MongoDB
- Part of the Client Delivery team responsible for implementing and extending Insight Out, the company's proprietary platform providing Market Research Analytics to clients through the use of automated statistical models.
- Build interactive models using Python and Pandas library to analyze and manipulate large volumes of complex datasets to extract actionable insights.
- Implementation using Test Driven Development utilizing RSpec and Capybara for unit and integration testing respectively

Oct 13 – Sept 14: Accenture Services LTD – Business Systems and Integration Analyst – London, GB

Responsibilities:

- Assigned to the FX E2E team of a major investment bank, as part of a multi million restructuring project.
- Lead the project to transform the MIS reporting capabilities of FX systems.
- Design dashboards to provide data analytics using QlikView across various geographical regions and lines of business.
- Organizer of the first Accenture internal Hackathon, called "Hack The ACG"
- Part of a team of 15 selected analysts for the Connect4Growth initiative to promote innovation and entrepreneurship in Accenture.
- Part of Advanced Visualizations Team in Accenture.

Achievements

- Superstar Analyst award for performance and excellence for two consecutive quarters in FY14.
- SuperConnectors Academy: Identified as one of top analysts to assist with innovation and entrepreneurship growth.
- Completed Qlikview Designer and Developer training
- Completed Business Systems and Integration training with distinction.

Apr 12 – Sept 12: UBS Investment Bank – Technology Analyst Industrial Placement – London, GB

Responsibilities:

- Joined the UBS Connections team, the company's social collaboration Platform
- Responsible for providing business intelligence capabilities to the platform
- Develop internal applications for the platform using Java, JQuery and HTML/CSS languages
- Setup a SAP Business Objects universe for the database of the platform to allow business analysts to generate reports
- Generate complex reports using Oracle SQL and automate using Business Objects reporting platform
- Build internal widgets to enhance the platforms capabilities and functionality using HTML and JavaScript
- Work with strategy team to enhance the reporting capabilities introducing new metrics.

Achievements:

- UBS Agile Certification.

Jun 11 – Sept 11: UBS Investment Bank - Technology Analyst Intern – London, GB

Responsibilities

- Joined the Zeus Core Development Team in the Credit Risk IT department of UBS.
- Develop automated database copy utility that creates and populates a new database instance with data from a source database using PL/SQL
- Integrate tool into existing platform using Java.
- Unit testing using JUnit.

Achievements:

- Risk Management Certification

Jul 07 – Jul 09: National Guard of Cyprus - Sub-Lieutenant in the Infantry of Cyprus, Cyprus.

Responsibilities:

- Train soldiers on army tactics and infantry engineering.
- Manage daily operations and obedience for a team of 30 soldiers

Achievements

- Trained for 4 months in the School of Infantry Engineers Army Officers in Loutraki, Greece where I was specialized in arming and disarming landmines, use of explosive materials and constructing military facilities. I graduated 7th out of 50 other officer cadets and was awarded the position of Sub-Lieutenant.

PROJECTS

Sept 15 – Present: Hihiri – Co-Founder

- Hihiri is a motivation platform that allows users to create and achieve personal challenges. The community then joins them in the challenge to achieve a common goal. The platform rewards challengers through a gamification system to promote engagement and interaction through daily submissions and interaction among them
- Sign up to keep you updated at <https://hihiri-app.herokuapp.com/> (WIP)

Responsibilities:

- Implement web API for iOS app using Rails-API
- Implement web application using Ruby on Rails

Jun 13 – Present: projectCEL – Project Management

- Member of the organizing committee of Cypriot Entrepreneurship Link, a non-profit organization promoting entrepreneurship and innovation in Cyprus

Responsibilities:

- Help organise HackCyprus2013, a 4 day annual technology festival feature in TechCrunch's 50 best Startup events in Europe. Events included a Junior Hackathon, a 24hr Hackathon and a startup conference.
- Responsible for developing and maintaining key relationships in UK
- Founding member of CEL UK, the brainchild of CEL, helping set strong foundations for the expanding network of the organization across Europe.
- Acquire ownership of events both in UK and Cyprus and drive small teams through both planning and execution.

Jul 11 – Jan 13: thecyprusproblem.com – Co-Founder

- Co-founder of an online social platform giving voice to the young generation of Cyprus

Responsibilities:

- Part of the development team using Python, Tornado Web Server and MongoDB.
- Responsible for developing the backend admin console to allow content management and moderation.
- Member of the marketing team responsible for promotion of the platform.
- Front-end development using JavaScript, HTML/CSS.

Achievements:

- The web platform serviced 200 daily active users.
- Interviews and media coverage in Cyprus.