Arash Rouhani

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I'm a C++ developer at YouTube (Google). I mostly build viewer-facing features for various RPC-based C++ frontends. I often work vertically across the organization, so good collboration skills have been the key to my success.

TECHNOLOGIES

- C++: 6+ years of using the Google C++ Style Guide.
- Python: Used throughout my career.
- Functional Programming: Used Haskell in open source projects.

WORKING EXPERIENCE

Google, Senior Software Engineer, October 2017 (ongoing), Zurich, Switzerland

- Feature development at Google scale and mentoring multiple FTEs.
- Learned the technical design that powers much of YouTube.

VNG Corporation, Data Engineer, November 2015 to February 2017, HCMC, Vietnam

- NLP, writing data pipelines and guiding the big data architecture.

Spotify, Data Engineer, April 2014 to November 2015, Stockholm, Sweden

- Data platform development and support using Luigi and Apache Crunch.

Internships at **Meta** and **Spotify**. 5 tech internships in total.

PROFESSIONAL QUALIFICATIONS

- Main contributor to luigi, a popular open source task orchestrator.
- Second best Swedish participant in Google Code Jam 2010 and TopCoder Open 2010.
- Won the national Informatics Olympiad 2009. Participated in IOI 2009 in Bulgaria.
- I use Linux and version control on a daily basis and I have written many zsh shell plugins.
- Graduate thesis on the Haskell compiler (description, pdf).

EDUCATION

- Master's degree in Algorithms, Languages and Logic from Chalmers (August 2009 to April 2014)
- Graduate level exchange studies at Georgia Tech (August 2012 to May 2013)
- GPA of 4.67/5.00 and 3.87/4.00 respectively. More info on my website.

OTHER MERITS

- Organizing the informatics contest in Sweden. I've authored about 30 tasks (with solutions and input data) and traveled to Estonia (2010), Denmark (2011), Latvia (2012), Taiwan (2014), Kazakhstan (2015) and Norway (2017) as a team leader with the Swedish IOI team.