

# François De Keersmaecker

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## EDUCATION

### UCLOUVAIN

#### MS IN COMPUTER ENGINEERING

Grad. 2021 | Louvain-la-Neuve, Belgium

Louvain School of Engineering

Major: Networks & Security

*Magna Cum Laude*

Cum. GPA: 17.52 / 20

### UCLOUVAIN

#### BS IN ENGINEERING

Grad. 2019 | Louvain-la-Neuve, Belgium

Louvain School of Engineering

Major: Computer Science

Minor: Electrical Engineering

*Cum Laude*

Cum. GPA: 16

### INSTITUT SAINT-JOSEPH

Grad. 2016 | Ciney, Belgium

## LINKS

LinkedIn:// François De Keersmaecker

Github:// fdekeers

Scholar:// François De Keersmaecker

ResearchGate:// François De

Keersmaecker

ORCID:// 0000-0002-4967-4132

## SKILLS

### PROGRAMMING

Shell • Assembly • C • C++ • Java

Python • Ruby • Scala • JavaScript

Android • Matlab •  $\text{\LaTeX}$  • Erlang

### TOOLS

SQL • Docker • GDB • Jinja • Arduino

Ghidra

## EXPERIENCE

### FACEBOOK | SOFTWARE ENGINEER

Jan 2015 - Present | New York, NY

### COURSERA | KPCB FELLOW + SOFTWARE ENGINEERING INTERN

June 2014 - Sep 2014 | Mountain View, CA

- 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.
- Led and shipped Yoda - the admin interface for the new Phoenix platform.
- Full-stack developer - Wrote and reviewed code for JS using Backbone, Jade, Stylus and Require and Scala using Play

### GOOGLE | SOFTWARE ENGINEERING INTERN

May 2013 - Aug 2013 | Mountain View, CA

- Worked on the YouTube Captions team, in Javascript and Python to plan, to design and develop the full stack to add and edit Automatic Speech Recognition captions. In production.
- Created a backbone.js-like framework for the Captions editor.

### PHABRICATOR | OPEN SOURCE CONTRIBUTOR & TEAM LEADER

Jan 2013 - May 2013 | Palo Alto, CA & Ithaca, NY

- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

## RESEARCH

### CORNELL ROBOT LEARNING LAB | RESEARCHER

Jan 2014 - Jan 2015 | Ithaca, NY

Worked with Ashesh Jain and Prof Ashutosh Saxena to create PlanIt, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments.

### CORNELL PHONETICS LAB | HEAD UNDERGRADUATE RESEARCHER

Mar 2012 - May 2013 | Ithaca, NY

Led the development of QuickTongue, the first ever breakthrough tongue-controlled game with Prof Sam Tilsen to aid in Linguistics research.

## AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	1 <sup>st</sup> /50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7 <sup>th</sup> /120	CS 3410 Cache Race Bot Tournament
2012	2 <sup>nd</sup> /150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist

[1] Ashesh Jain, D. Das, and A. Saxena. Planit: A crowdsourcing approach for learning to plan paths from large scale preference feedback. *Tech Report, ICRA*, in press.

[2] S. Tilsen, D. Das, and B. McKee. Real-time articulatory biofeedback with electromagnetic articulography. *Linguistics Vanguard*, in press.