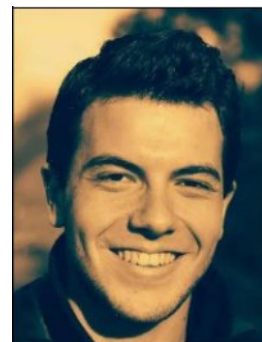


NAIM MANSOUR

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Extended CV on LinkedIn (www.linkedin.com/in/naimm) & www.naim-mansour.be



PERSONAL

Place & date of birth: Wilrijk, 31st of July, 1989

Gender: Male

Nationality: Belgian

Marital state: Unmarried

ABOUT

I am an electrical engineer specialized in the fields of computer science or electrical engineering. Currently, I am employed at the Technical University of Denmark as a PhD student. As part of the Hearing Systems group, I am conducting research into the benefits of using virtual sound environments in the testing of hearing devices. This research builds on the signal processing approach to understanding and analyzing human hearing, combined with psychoacoustic methods and cognitive processing.

WORK & EXPERIENCE

DEC. 2017 – PRESENT

Danmarks Tekniske Universitet

Lyngby (Denmark)

PHD STUDENT

Three-year long research project titled “Assessing Hearing Device Benefit using Virtual Sound Environments”

- Investigate and develop a novel hearing aid testing paradigm making use of virtual sound environments and realistic sound scenarios in order to better evaluate hearing aid algorithms

SEPT. 2016 – AUG. 2017

www.naimandtheworld.com

Global

YEAR-LONG JOURNEY AROUND THE WORLD

Over the course of 11 months I traveled on my own through 18 countries around the globe. It was a journey of exceptional scale, and it taught me a lot about myself and the world around me.

- Countless interactions with vastly different people, greatly improved insights in people’s general behaviors
- Making judgment calls and practical decisions on-the-fly, figuring out complex logistical and continuity problems

SEPT. 2013 – SEPT. 2016

Nokia (formerly Alcatel-Lucent)

Antwerp (Belgium)

QUALITY ASSURANCE ENGINEER – IP ROUTING R&D DEPARTMENT

Design, validation and testing of novel software features for the 7x50 Service Router OS platform. Employing deep understanding of networking protocols and the TCP/IP stack to implement robust and highly detailed test scripts.

- Testing of Enhanced Subscriber Management features, as part of the ALU TPSDA framework
- Researching effects of highly specialized feature combinations on the routing platform behavior
- Scripted validation (TCL & Python) of interactions with the TCP/IP and OSI protocol suites

SEPT. 2008 – JUL. 2013

Independent

Leuven (Belgium)

PRIVATE TUTOR SCIENCE, MATHS & VIOLIN

Teaching science, maths and music topics to high school & university students.

EDUCATION

2007 – 2012

Catholic University of Leuven

Great distinction (82%)

MASTER OF SCIENCE IN ENGINEERING: ELECTRONICS

- *Specialization:* Multimedia & Signal Processing
- *Additional electives:* Avionics & telecommunication, Management of Organisations, First Aid (theory & practice), etc.
- *Thesis:* Perceptual declipping of audio signals through Compressed Sensing: algorithm design and evaluation (**89%**)
 - IEEE Transactions (Vol. 21, Issue 12) - *Declipping of Audio Signals Using Perceptual Compressed Sensing*
 - Presented at IEEE Global Conference on Signal and Information Processing, Atlanta, Georgia, Dec. 2014

2010 – 2011

Danmarks Tekniske Universitet

ECTS: A

ERASMUS - 1ST MASTER YEAR: ELECTRICAL ENGINEERING

- *Selection of courses:* Computer graphics, Non-linear signal processing, Artificial Intelligence
- *Various:* Participation in extracurricular engineering activities, as part of the Polyteknisk Forening

2002 – 2007

H. Pius-X Institute

Great distinction

HIGH SCHOOL – SPECIALIZATION IN LATIN-MATHS

- Extra-curricular courses including additional mathematics and ancient Greek

SKILLS

LANGUAGE SKILLS

Native: Dutch, English *Very good:* French, Swedish *Good:* Spanish, German *Basic:* Danish

IT SKILLS

- *OS:* Windows and all related software (all Office products,...), Linux (Ubuntu, CentOS), Android, iOS, macOS,
- *Scientific & web:* Matlab, Maple, Eclipse, SPSS, CMS (Joomla), HTML, CSS, SQL, PHP
- *Programming skills:* Java, TCL, Python, C++, Bash, Visual Basic
- *Adobe products:* Acrobat, Photoshop, Dreamweaver, Flash, Premiere, Soundbooth

ADDITIONAL DIPLOMAS

- *Driver's licence:* Category B
- *Music:* Violin/piano higher academic degree, bagpipes
- *Sports:* Sailing one-man boats – laser class

SOCIAL & OTHER ACTIVITIES

SYMPHONY ORCHESTRAS & ENSEMBLES

- Flemish Symphony Orchestra: First violinist, 3 year membership with on average 10 concerts a year
- Copenhagen Student Symphony Orchestra: First violinist, 1 year membership with 5 concerts
- Wroclaw Conservatory Symphony Orchestra: First violinist, guest project participation
- University Symphony Orchestra Leuven: First violinist, 5 year membership with on average 12 concerts a year
- J&M Orchestra Antwerp: First violinist, 6 year membership with on average 15 concerts a year
- International Symphony Orchestra projects: First violinist, 20 concerts in Far-East Asia over the course of 4 years

VOLUNTARY WORK

- Béla Nepali - supporting the education of young Nepalese classical musicians: webmaster and violin teacher
- Lost & Found Cloud Hostel in Panama: volunteering work to provide a great visitor experience for hostel guests
- Various engagements working as a musician or general support at music festivals and camps

OTHER ACTIVITIES

- DTU BEST Engineering competition
- Chess club membership & tournaments

HOBBIES

- Sports: Running, tennis, chess, archery, sailing
- (Web)design: Design of artwork, web design (see also www.naim-mansour.be)
- Music: Violin, bagpipes, piano (classical & folk)