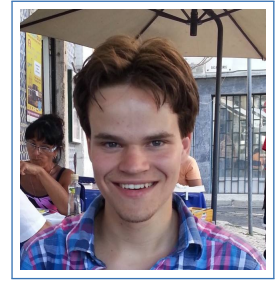


Kees Herman Johannes Cornelis Kroep

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Education

- 2015-current **Master Computer Engineering and Electrical Engineering Double degree**, *Delft University of Technology*, Delft.
- 2016 **JPL/Caltech Summer Internship**, *Jet Propulsion Laboratory, California Institute of Technology*, Los Angeles
Characterization and testing of a custom readout ASIC for use with Gallium Nitride Avalanche Diodes. The Justus & Louise van Effen scholarship supported the 10 week internship.
- 2012-2015 **Bachelor Electrical Engineering**, *Delft University of Technology*, Delft.
 - Cum Laude
 - Bachelor Final Project grade of 9.5 (an extensible toolkit for real-time high performance wideband spectrum sensing)
- 2006-2012 **Gymnasium**, *Het 4e Gymnasium*, Amsterdam

Work Experience

- 2016/4-2016/8 **Subcontractor for NASA**, *Delft University of Technology*, Delft (The Netherlands),
Performing a feasibility study on a Rad-Hard Lidar sensor for NASA's Europa Clipper
- 2014-2015 **Teaching Assistant**, *Delft University of Technology*, Delft (The Netherlands),
Assisting students in the "Beukende Bas" project of the Electrical Engineering Bachelor.

Honors & Awards

- 2013-2015 **Honours Programme Bachelor TU Delft**, Participating in research concerning ultrasound imaging in heart operations using CMOS transducers.
Primary focus on researching realistic goals and requirements for ultrasound imaging.

Qualifications Summary

Date of birth, 16-April-1994
Fathers name, Willem Johannes Kroep
Mothers name, Lucida Stilla Roris Hegger
Nationality, Nederlandse
Sex, Male

Martial Status, Single
language, Dutch & English

Miscellaneous

Programming Languages, C, C++, C#, Java, Matlab, VHDL, Latex

Artistic tools, Adobe Photoshop, Adobe Illustrator, Blender, Unity

Design tools, Modelsim, Xilinx, Vitruoso