



Dennis Brentjes

Curriculum Vitae

Education

- 2009–2012 **Bachelor of Science in Computer Science**, *Radboud University Nijmegen*.
2012–present **Master of Science in Computing Science (in progress)**, *Radboud University Nijmegen*.

Masters Thesis (in progress)

Title *Implementing en benchmarking CMix*

Supervisors dr. P. Schwabe

Description The CMix is an anonymization network proposed by a team of researchers, based on mix networks by David Chaum. Unlike the Tor anonymization network, CMix prevents certain network analysis attacks by sacrificing latency. The goal of this research is to have a high performance implementation of both client and server software for this network and benchmark different cryptographic algorithms and implementations thereof.

Experience

2010-2012 **Part-time scientific programmer**, *Digital Image Analysis Group (DIAG) at Radboudumc, Nijmegen*.

Worked for 2 years as a scientific programmer, 16 hours a week. Developed small application plug-ins and worked on general bug-fixes.

Acquired skills

- Extended my knowledge of python.
- Working in a medium sized software group that had close interaction with researchers and colleagues.
- Working with issue trackers including the workflow that comes with them; logging hours, referencing commits and revisions, and progress reporting.
- Worked with git-svn during this period.
- Maintained the linux buildserver for the last 6 months of my employment.

