

Eirik Albrigtsen

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<http://github.com/clux/>

Education

- **University of Warwick** Coventry, UK
BSc + MA in Mathematics (First Class Honours) *Oct. 2006 - Jul. 2010*
 - Relevant: Computational Linear Algebra & Optimization via LAPACK, Matrix Analysis & Algorithms, Elliptic Curves, Statistical Estimators & Hypothesis Testing
 - Project: Mathematical foundations of prime generation and public key cryptography
- **Agder University** Grimstad, NO
Bachelor of Engineering (Power Electronics) *Aug. 2003 - Jun. 2006*

Employment

- **Cisco Systems** Langley, UK
Software Engineer *2010 - Present*
 - Implementing (C++) and testing telepresence call control protocols, shared between a variety of scalable multipoint conferencing servers.
 - Architecting and tuning a multiple transport, upper level protocol abstraction with non-blocking encapsulated sockets in a multithreaded environment.
- **Agder University** Grimstad, NO
Teaching Assistant *2004 - 2006*
 - Ran course support classes in mathematics and physics and tutored an intensive summer course for prospective engineering students

Coding

- **Haskell modules** cabal w/MIT
cabal install && cabal test *since 2012*
 - *tournament* - Tournament data management
- **JavaScript modules** npm w/MIT
npm install && npm test *since 2011*
 - *modul8* - Extensible CommonJS packager and analyzer
 - *logule* - Tree-based logging utility using dependency injection
 - *decay* - Famous ranking algorithms for web content
 - *topiary* - Trim and shape tree-structured objects for stdout
- **clux.org** www
Interest-sparking project *2007-2010*
 - A personal CMS written in CodeIgniter with modular, oo php and prototype.js
 - Event management, tournament generation, photo management, ranked comments

- Included 30 normalized SQL tables back-end and heavily ajaxified front-end UI

Languages

Haskell

H2010 w/GHC

Comfortable

since 2012

JavaScript

ES5 w/node.js + window

Disciplined

since 2007

C++

X< C++03 w/jam & gcc

Comfortable

since 2010

Miscellaneous: SQL, MongoQL, Python, PHP, CSS (SASS/stylus)

Spoken: Norwegian & English (bilingual)

Interests

Programming: FP, TDD, CI, DVCS, NoSQL, Linux

Academic: Cryptography, optimization of algorithms, artificial intelligence

Misc: Badminton, rollerblading, swimming, photography, gaming