TOM HARDING. 23. HE / HIM

LOVES **MUSIC**, **LANGUAGE**, AND STRONG **TYPES**. BY DAY, WRITES **PHP** AND **JS**; BY NIGHT, **ELM** + **HASKELL**. AN OCCASIONAL DASH OF **SCALA** + **PURESCRIPT**.

CODE **MENTOR**. JAZZ **MUSICIAN**. **CYCLIST**. AMATEUR **ACTIVIST**. **EX-CO-FOUNDER**. FISH OWNER. TECH **SPEAKER** AND ASPIRING **OPEN SOURCE**RER.

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REFERENCES AVAILABLE UPON REQUEST.

RECENTLY-GRADUATED **COMPUTER SCIENTIST** SEARCHING FOR **CHALLENGING** ROLES IN COMPANIES THAT SOLVE **NEW** AND **RELEVANT PROBLEMS**.

A STRONG BACKGROUND IN **WEB DEVELOPMENT** AND SOFTWARE **ARCHITECTURE**, WITH A PASSION FOR FUNCTIONAL PROGRAMMING, LOOKING TO MOVE INTO **BIG DATA**, **MACHINE LEARNING**, AND **SIMULATION**.

2013 - 2016 **SOFTWARE DEVELOPER** MAYDEN HOUSE LTD

DEVELOPMENT PHP, MYSQL, POSTGRESQL, MEMCACHE, REDIS, JAVA, GROOVY, JAVASCRIPT, ELM, PYTHON, RUBY, PERL **HEALTHCARE** MENTAL HEALTH, DIABETES, CHILDREN'S CARE **SYSADMIN** APACHE, NGINX, LOGSTASH, KIBANA, SENSU, SONARQUBE **DEPLOYMENT** BAMBOO, TRAVIS, JIRA **TESTING** SELENIUM, BROWSERSTACK **SPEAKING AND MENTORING** HASKELL, FUNCTIONAL DESIGN, UNIT TESTABILITY, MAP/REDUCE, MACHINE LEARNING, MATHEMATICS **QUALIFICATIONS** ZEND-CERTIFIED DEVELOPER, MENTAL HEALTH FIRST AIDER

2015 - 2016 **CO-FOUNDER** THE DIGITAL NATIVES

CAMPAIGNING #ISEETARA, BGEN (BATH GENDER EQUALITY NETWORK), LGBTHM BRISTOL, MOTHER'S UNION, BATH SU, BIMHN **RUNNING A COMPANY** ACCOUNTING, MARKETING, PR **DEVELOPMENT** ELM, JAVASCRIPT, PHP, HASKELL, SWIFT

2011 - 2014 **WEB DEVELOPER** BATH SU

MANAGEMENT ELECTIONS, CAMPAIGNS, COORDINATION **MARKETING** GRAPHIC DESIGN, COPYWRITING, ADVERTISING **DEVELOPMENT** JAVASCRIPT, PHP, PYTHON **SYSADMIN** NGINX, APACHE, BOA

UNIVERSITY OF BATH **COMPUTER SCIENCE** 1ST CLASS (HONS)

PROGRAMMING C/C++, HASKELL, JAVA, PROLOG, PYTHON, LISP, MAPLE, MATLAB **COMPILERS** YACC, BISON **SEMANTICS** CATEGORY THEORY **COMPUTER ALGEBRA** LINEAR ALGEBRA, GROUP THEORY **PARALLEL COMPUTING** MPI, PCNTL **PATTERN RECOGNITION** MODELS, CLASSIFIERS, PCA, FOURIER ANALYSIS **COMPUTER GRAPHICS** OPENGL, SHADING, RAYTRACING **NATURAL LANGUAGE PROCESSING** GRAMMATICAL, STATISTICAL **COMPUTATIONAL INTELLIGENCE** NEURAL NETWORKS, DEEP LEARNING