

BENJAMIN MANN

1006 Palmer Dr
Blacksburg, VA 24060-5331
+1 (434) 321-8324

benmanns@gmail.com
benmanns.com

WORK EXPERIENCE

- OCT 2016 - *Current* | Senior Software Engineer at [DOXIMITY](#)
Lead the growth team at Doximity.
- NOV 2013 - OCT 2016 | Software Engineer at [DOXIMITY](#)
Rails & Go Development. Increased speed of background processing jobs in high traffic app by 900%. Developed novel scraping tools for extracting high-value data from mobile apps, leading to thousands of user conversions and a 500% conversion rate increase.
- MAY 2012 - JAN 2014 | Freelance Software Engineer
See [Freelance Experience](#)
- MAY 2011 - APR 2012 | Software Developer at [ACE OF SALES](#)
Full-time Ruby and Rails development. Revamped affiliate marketing platform. Optimized back-end database access. Developed multi-user accounts, lifecycle email campaign.
- MAY 2010 - MAY 2011 | Web Developer at [THOMAS ROAD BAPTIST CHURCH](#)
Developed custom vehicle fleet tracking software. Integrated recurring donation system.
- OCT 2009 - DEC 2010 | Web Developer at [OUT:THINK GROUP](#)
- JUN 2008 - JAN 2009 | Web Developer at [EXPRESSIONS LAB](#)

FREELANCE EXPERIENCE

- OCT 2013 - NOV 2013 | Full Stack Rails Development for [LIZWORKS](#)
- OCT 2013 | Backend Web & API Development for [UGG AUSTRALIA](#)
Developed ecommerce return system and product catalog API.
- SEP 2013 - OCT 2013 | Full Stack Rails Development for [SEIONTEC SYSTEMS](#)
Developed intuitive frontend for managing networking switches in apartment buildings.
- SEP 2013 - OCT 2013 | Full Stack Web & API Development for [AOL/CAMBIO](#)
Developed automated newsletter API endpoint. Added features to increase pageviews.
- JUL 2013 - OCT 2013 | Full Stack Rails Development and Optimization for [SALES MIRROR](#)
Decreased frontend page load time by 80%. Optimized background workers.
- SEP 2013 | Machine Learning for [DIGITAL SIGNAL PROCESSING CONSULTANTS, LLC](#)
Developed clustering and visualization algorithms for a metal processing plant.
- JUN 2013 - AUG 2013 | Full Stack Rails Development for [HELLO GRIEF](#)
- JUL 2013 | Full Stack PHP Development and Optimization for [PROTEINFACTORY](#)
- NOV 2012 - FEB 2013 | Full Stack Rails Development for [HENRY LEUTWYLER](#)
- JAN 2013 | Rails & Facebook Development for [CASAMIGOS TEQUILA](#)
- DEC 2012 - JAN 2013 | Full Stack Rails Development for [CINELAN](#)

JUL 2013 - SEP 2012 | Full Stack Rails & PHP Development for [PACE GALLERY](#)

MAY 2012 - JUN 2012 | Rails Gem Development for [THE88/Atreides](#)

EDUCATION

- MAY 2013 | B.S. COMPUTER SCIENCE, **Liberty University**, Lynchburg, VA
Rank 1 | *Magna Cum Laude* | GPA: 3.68/4
Coursework included machine learning, cluster computing, network programming, and web development.
- APR 2015 | Heterogeneous Parallel Programming, **University of Illinois at Urbana-Champaign** via **Coursera**
Statement of Accomplishment with Distinction | Grade: 100%
Coursework included GPU programming with CUDA and OpenCL, optimization strategies, debugging, and profiling for GPU programs.
- JUN 2013 | Introduction to Data Science, **University of Washington** via **Coursera**
Statement of Accomplishment with Distinction | Grade: 99%
Coursework included databases, MapReduce, NoSQL, statistics, machine learning, and data visualization.
Analyzed a 1TB network on a 20 node Hadoop cluster using EC2.
- MAR 2013 | Machine Learning, **Stanford University** via **Coursera**
Statement of Accomplishment | Grade: 100%
Coursework included neural networks, clustering, support vector machines, and large scale data analysis.

SELECTED SKILLS & KEYWORDS

- AWS
- C & C++
- CoffeeScript
- CSS
- CUDA
- Git
- Go
- Heroku
- Java
- JavaScript
- Kafka
- Machine Learning
- MongoDB
- MySQL
- nginx
- Node.js
- OpenCL
- PostgreSQL
- Python
- Ruby
- Ruby on Rails

ADDITIONAL INFORMATION

- Developed [goworker](#), a high-performance backend for Resque and Sidekiq. A top Go project on GITHUB with 1,489 stars, 61 watchers, and 10 outside contributors.
- Core team member of [fog](#), the most popular cloud computing library for Ruby.
- [Open source developer](#) with projects written in Ruby, Go, C++, C#, Java, JavaScript.
- Member of The HEROKU SECURITY RESEARCHER HALL OF FAME for [disclosing a CSRF vulnerability](#) in HEROKU's Add-on Provider program.
- Top 7% [member on STACKOVERFLOW](#), a question-and-answer site for programmers.
- Mentor for [THEFIREHOSEPROJECT](#), a coding bootcamp.