JULIAN BARTHOLD

Full Stack Web Developer | Data Enthusiast

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" I'm a former IT Auditor whose side projects turned into a passion worth dedicating a career to. I began with Visual Basic and shell scripting; automating burdensome tasks out of the audit workflow. After completing a part-time Data Science course, I enrolled in a full-time Web Development course, bent on learning to build web infrastructure around data. I am thrilled to be pursuing programming as a career and look forward to a lifetime of learning and building."

SKILLS

Javascript | Python | Ruby | Rails | Node | Ember | Postgres | D3 | Amazon S3

EXPERIENCE

GENERAL ASSEMBLY
Student | Oct '17 - Jan '18

Developed 4 full stack authenticated Rails applications under strict deadlines.

Integrated python experience to provide rich content to project databases.

Learned to chart data in D3.js outside of class.

ORACLE
License Consultant | Jan'15 - Oct '17

Developed suite of automated templates for importing and analyzing audit data.

Discovered largest compliance violation in Applications audit history by leveraging python data analysis skills to audit pharmacutical sector.

Engaged global resources to improve audit organization IT infrastructure.

ORACLE
Analyst | Jan'14 - Jan '15

Audited Oracle JD Edwards, Agile, Siebel, and E-Business Suite deployments across complex organizational structures and IT environments.

Created and distributed VBA programs for accurately assessing licensing requirements.

Assisted in on-boarding and provided ongoing support to incoming license consultants.

PROJECTS

Review projects and code: julianbarthold.com

OPEN CLINIC
Ember | Ruby on Rails | PostgresDb

Customized cloned clinical trials Postgres db with over 500k records and served information from rails based api.

Developed front end Ember.js client to search and interact with stored clinical trial records.

Migrated 5k randomly selected records to production

GROCERY-BASKET
Javascript | Ruby on Rails | PostgresDb | Python

Wrote python web-scraper to collect weekly sale information from grocery stores.

Developed Rails api and front end client to store, relate and communicate sale-item information to end-users.

Used 3rd party api to aggregate items into recipies.

JEB FILE HOSTING
Javascript | Node | MongoDb | Amazon S3

Collaborated with a team of 3 to develop Node.js based api to store file information in MongoDb and host files from Amazon S3.

Developed front end client to allow full CRUD actions on user owned database resources for authenticated users.

Assisted team members with feature additions.

EDUCATION

BOSTON UNIVERSITY '13
Business Administration
Operations & Technology Management concentration.

GENERAL ASSEMBLY '16
Data Science Part-Time
3 week part time course focused on machine learning fundamentals.

AWARDS

MOST VALUABLE PLAYER '16
Oracle Applications North America
For addressing unrealized compliance risk in Healthcare sector.

ROOKE OF THE YEAR '15
Oracle Applications North America
For developing automated audit analysis tools.

LEADERSHIP

PRESIDENT '10-12
BU Outing Club
Increased membership by 30% to over 450 active members.

PRESIDENT '13- PRESENT
BU Outing Club Alumni
Founded and preside over Alumni Network for BU Outing Club.