Albert R Carter

Software Developer, Project Manager
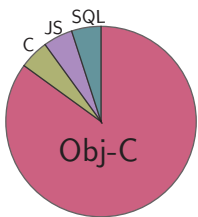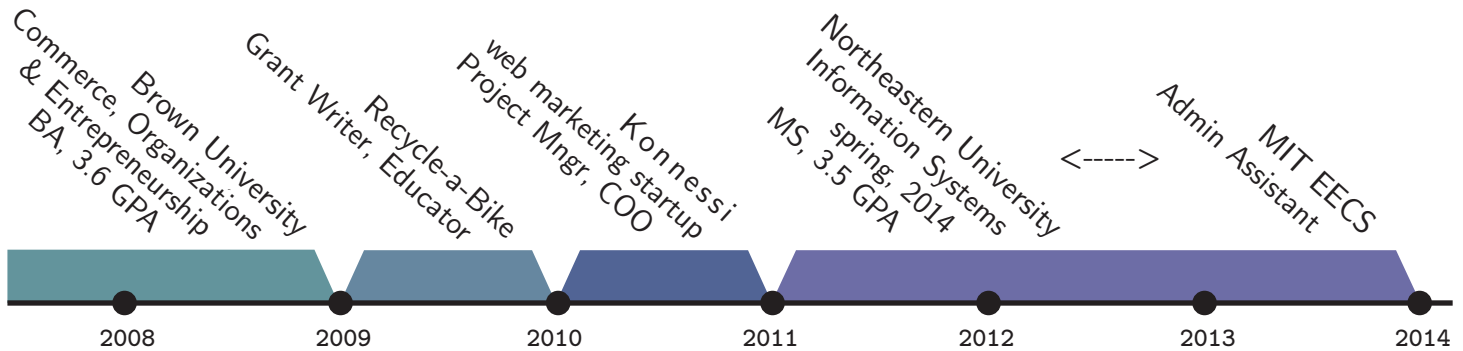
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617.258.8773, 251.533.8331
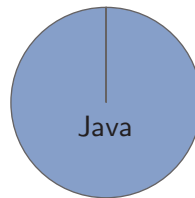arcarter@mit.edu   al@albertrcarter.com

Timeline

Commerce, Organizations & Entrepreneurship — Brown University — BA, 3.6 GPA

Grant Writer, Educator — Recycle-a-Bike

web marketing startup — Project Mngr, COO — Konnessi

Northeastern University — Information Systems — MS, 3.5 GPA — spring, 2014

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Admin Assistant — MIT EECS

2008 2009 2010 2011 2012 2013 2014
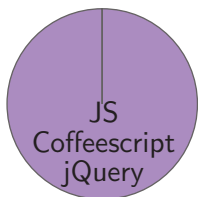
Bike Trace (iOS)

Obj-C | C | JS | SQL

- a bicycle route tracing app
- multi-tasking, multi-threading, geo-enabled
- selected api's and packages: Google Geolocation, Google Places, CLLocation, CMDeviceMotion, MKOverlayView, MKMapView, MKAnnotation

designed and developed in 1.5 months
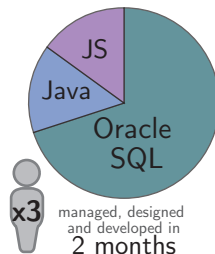
CDC Vaccine Tracking (desktop)

Java

- a mock vaccine invoicing and tracking system for the CDC
- support for 3+ user-types in 5+ organizations
- selected usecases: vaccine ordering, invoicing, manufacturing, distribution, administration

designed and developed in 1 month

Telescopic Text (web client)

JS Coffeescript jQuery

- an open-source nonlinear text exploration web program
- controllable via json
- embeddable html, css, javascript
- ask for a demonstration

designed and developed in 4 months

Mountain View Hospital (full stack)

JS | Java | Oracle SQL

x3

- a database and web-interface for administering a hospital
- managed and led team project
- determined business rules, entities functional dependencies, relational schema, and overall architecture
- developed front-end client views
- 45+ entities, 65+ relationships

managed, designed and developed in 2 months

Open Source Soylent

Management, Agenda Setting, & Teamwork

x15

- a nutritionally complete and shelf stable food substitute
- led a loose group of 15 hackers
- ask for more info

alpha version developed over 3 months

Brown Student Agencies

Management, Finance, & Negotiation

x5

- a student-run business that manages contracts for Brown University
- rapidly promoted to CFO
- secured co-worker buy-in and created administrative coalition
- increased net annual earnings from -$3,218 to $12,400
- negotiated and restructured one half of business's vendor and partner contracts

renegotiated, restructured and solvent in 1 year

Languages:

Python	Javascript	Oracle SQL
Objective-C	Coffeescript	PL/SQL
Java	jQuery	

Misc Software:

Photoshop	Eclipse
Arc-Map	Sublime Text
LaTeX	

xN = N additional teammates