Careers in Code // MACNY

Apprenticeship Training Outline

Category	Training / Classes	Required Completion	Training Completed	Approval
Workplace Basics	TBD - Need employer input.			
Computer Basics	12 hours of instruction MacOS Fundamentals * CompTIA A+ Microsoft 365 Modern Desktop Administrator Associate	2		
Web Development Fundamentals	24 hours of instruction Introduction to HTML * Learn CSS * Learn Git * Learn How To Code * Learn the Command Line *			
Visual Design, Accessibility, and Responsive Web Design	24 hours of instruction UX Design via Grow With Google	1 *		
Fundamental Programming and Javascript	48 hours of instruction Introduction To JavaScript *			
HTTP & API's, RestFUL APIs, JSON & Ajax	24 hours of instruction			
React	36 hours of instruction React Nanodegree via Udacity			
Intro to Server-side Javascript with Node.js, Making our own API's	36 hours of instruction Node.js Application Development Course + JSNAD Certification Node.js Services Development Course + JSNSD Certification	2		
Intro to Databases, Data Modeling with SQL	24 hours of instruction			
Testing	12 hours of instruction TestingJavascript.com Completion **			
Infrastructure, Deployment, DevOps	12 hours of instruction Microsoft Certified: Azure Fundamentals AWS Certified Cloud Practitioner	2		
Intro to Cryptography, Authentication & Authorization	12 hours of instruction	1		
Cybersecurity fundamentals and web security	12 hours of instruction XCS100 Introduction to Web Security (Stanford) ** CompTIA Security +	2		

	[Certified Ethical Hacker](#)			
Capstone Project	20+ hours of commitment (including demo days and a capstone presentation	1		
Career Development	Participate in 8 [career modules](#)	1		
Project Management	[CAPM (Certified Associate in Project Management)](#) [Project Management via Grow With Google](#) [CompTIA Project +](#)	1		
Community Involvement	Attend 10 [local developer meetups and/or events](#) Host 2 workshops and/or local developer events	1		

* denotes work that was done as part of the Careers in Code prep work but does not have a certificate upon completion.
** denotes training materials that do not have a certificate upon completion.