Updated Job Descriptions for Cohort 4 pt. 2

Organization Name:	HealCo
Mailing Address:	20411 46th road, 2nd Floor Bayside New York
Company Website:	healco.us
Please provide a brief description of the company:	The Airbnb of medical office and ambulatory surgery center space. We're here to make leasing and office sharing easier, for everyone involved. HealCo is a matchmaking platform where you can find, lease, share, manage and optimize medical office or ambulatory surgery center space.
Description:	Front-End tasks: - Updating CSS - Updating Page to Design Specs - Adding new Components/Features Back-End tasks: - Fixing SQL - Adding new API Routes - Writing Tests Other tasks: - Attend Meetings and learn the insides and outs of company progress and weekly updates.
Technology Skills	Primarily React/JSX, MySQL, Node, KoaJS and TypeScript. Some smaller tools would include UI/UX Design such as Sketch/Figma, SendGrid emailing tool, and a few external APIs such as Google Maps, Google Charts, etc
How many developers are on your technical team?	3
Is your technical lead on site?	Yes
How many computer science students are you willing to host?	2

Do you have a plan to hire for full time roles in the next (6-12) months? (This is for data collection only and not a requirement of the program)	Yes

Organization Name:	Lunchbox Technologies Inc
Mailing Address:	1216 Broadway New York City, NY 10001
Company Website:	lunchbox.io
Please provide a brief description of the company:	Lunchbox is an all-in-one ordering suite that enables restaurants of all sizes to deliver the best digital ordering experiences to their customers by simplifying the solution. By creating powerful omnichannel systems with Lunchbox, restaurants are able to take back their digital real estate. Lunchbox powers the online ordering for brands like Bareburger, Sticky's The Finger Joint, 16 Handles and more.
Description:	The student would have opportunities to work on and across a variety of projects here at Lunchbox. From our Android and iOS apps, to our ordering and catering websites, to our Lunchbox dashboard. They'll get to be involved on new product initiatives, as well an improving our existing platform.
Technology Skills	- Frontend Web: React - Backend: Node.js - Android: Java - iOS: Swift
How many developers are on your technical team?	14
Is your technical lead on site?	Yes
How many computer science students are you willing to host?	2

Do you have a plan to hire for full time roles in the next (6-12) months? (This is for data collection only and not a requirement of the program)	Yes

Organization Name:	MakeItHappen (legal name: SKD Consulting Inc)
Mailing Address:	181 Clermont Ave Brooklyn NY 11205
Company Website:	makeithappen.nyc
Please provide a brief description of the company:	We are a full service design and development team with over 20+ years of experience in software design and development consulting.
Description:	Duties and Responsibilities: • Develops within the client tier, middle tier, databases as well as performs DevOps. • Responsible for developing new functionality, as well as fixing bugs and software maintenance. • Works well independently as well as closely with the lead developer when required to deliver high quality energy software to our clients.
Technology Skills	Requirements for the role: • Currently pursuing a degree in Computer Science or Software Engineering. • Experience with some of the following: Node.js, Express, Designing and consuming REST APIs, HTML/CSS/JavaScript, VisualStudio, PostgreSQL. • Knowledge of at least one of the following: React, React Native, Redux, AngularJS, Typescript, Azure or Selenium. • Some exposure to or interest in AWS services such as Lambdas, API

	gateway, RDS, elastic beanstalk, Load Balancers, IAM permissioning system, SNS, SES etc. • Ability to research various options for off-the-shelf software and contribute to decisions about build vs buy. • Ability to pick up technical concepts quickly and perform assigned tasks with minimal supervision.
How many developers are on your technical team?	5
Is your technical lead on site?	Yes
How many computer science students are you willing to host?	1
Do you have a plan to hire for full time roles in the next (6-12) months? (This is for data collection only and not a requirement of the program)	Yes

Organization Name:	IDOC Software Inc
Company Website:	idocsoftware.com
Please provide a brief description of the company:	IDOC Software is located in New York City. It is a startup company that focuses on machine learning in the financial and biomedical industries
Description:	About the Project: Rapid AI for Contextual Review of Scientific Literatures IDOC Software is developing an artificial intelligence (AI) engine for screening clinical studies of diagnosis, treatment, prognosis, and etiology. The screening is in support of evidence-based medicine (EBM) which is considered the "Gold Standard" for providing informative empirical answers to specific medical questions. The project is focused on the assembly of the best prediction algorithm by selecting one or more machine learning algorithms that

	will work to classify publications' titles & abstracts. Goals for development include algorithms that minimize the required training data fraction from any given dataset, as well as algorithms to determine the optimal classification threshold in terms of yielding the highest recall and precision rates (i.e. minimum "false positive" and maximum relevant results).
Technology Skills	Good Python knowledge Data analysis Other languages are a plus UBUNTU OS is a plus Self-motivated and strong research skills Can work independently
How many developers are on your technical team?	15
Is your technical lead on site?	No
How many computer science students are you willing to host?	1
Do you have a plan to hire for full time roles in the next (6-12) months? (This is for data collection only and not a requirement of the program)	Yes

Organization Name:	Bionest Partners
Mailing Address:	777 Third Ave Suite 1401 NY, NY 10017
Company Website:	www.bionest.com
Please provide a brief description of the company:	Bionest Partners is a boutique strategy consulting firm, focused exclusively on the health care industry. We work with our clients to help them answer key issues that arise during the development and commercialization of their products. We help clients address the most critical issues in today's market

	– securing new sources of growth, enhancing competitive positioning, and optimizing market efforts.
Description:	We are looking for an entrepreneurial, self-starter intern with excellent programming skills and work ethic who can work with us on a variety of projects, including: - Develop a user-friendly software to conduct analysis of large databases based on selected keywords (e.g., look for most published authors in PubMed), map network connections, develop word clouds from selected publications - Develop an online dashboard to track internal activities and allow staff to sign up for selected ones
Technology Skills	- Python - HTML - Microsoft Office
How many developers are on your technical team?	0-1
Is your technical lead on site?	No
How many computer science students are you willing to host?	1
Do you have a plan to hire for full time roles in the next (6-12) months? (This is for data collection only and not a requirement of the program)	No

Organization Name:	AuriStor
Company Website:	https://www.auristor.com/filesystem
Please provide a brief description of the company:	AuriStor is the creator of the AuriStorFS, a highly secure distributed file system under a global namespace that extends upon the Andrew File System (AFS) vision. The AuriStorFS is used by major Financials; Departments of Defense, Energy, and Interior; and major research universities. AuriStor is a deeply technical company whose core team consists

	leading experts in high performance fault-tolerant distributed systems; security; file systems and storage, Linux and Windows kernels; and scalable systems. We are looking for people who are passionate about mastering complex technologies.

Description:	Over the course of the internship, you will develop a deep understanding of the various AuriStorFS server and client
	processes and tools including:
	
	  * The AuriStorFS internals, protocols, and distributed databases.
	  * The various server components of the AuriStorFS
	  * The AuriStorFS client tools necessary to maintain and administer
	an AuriStorFS deployment
	
	The projects for this internship include:
	
	  * Work with AuriStor Team Members to
	
	   o Create and document a containerized 'quick-start' AuriStor
	Deployment
	
	   o Work on Documentation and User Guides for setting up and
	administering the AuriStorFS
	
	  * Extend AuriStorFS User Command Line Interface (CLI) tools
	
	   o Currently each command and subcommand outputs unstructured
	formatted text output (human readable). We need them to optionally
	provide structured JSON output (machine readable)
	
	   o This will require learning and modifying the source code of
	the three core AuriStorFS CLI tools: fs, vos, and pts. Each of these
	commands is a façade to over 100 subcommands (fs/50+, vos/50+,
	pts/25+), each doing different tasks with different options and
	outputs.
	
	   *
	https://www.auristor.com/documentation/man/linux/

	o While you are visiting each of these subcommands, you will
	also
	
	   * Update the Linux MAN page as appropriate.
	   * Create elucidating examples to be included in the MAN page
	and/or user guide
	
	There was an excellent book on AFS written back in 1997, Managing AFS,
	that was recently made available in open source on GitHub
	(https://netrc.github.io/ManagingAFS/book/ma.html).
	While this AFS
	book is dated, the basic concepts and much of the command line tools
	are very similar to AuriStor's. Please take a look at that book. It
	should give you an idea of what this internship will entail.

Technology Skills	Required
	Skills.
	
	  * Basic Linux Proficiency (see below)
	    o Linux Admin skills a plus
	
	  * Basic understanding of File Systems (mounts, links, symlinks,
	etc)
	    o Distributed File Systems a plus (NFS, CIFS/SMB, AFS) (willing
	to train)
	
	  * Basic understanding of Networking (IP, TCP, UDP, DNS, Sockets).
	    o Network debugging skills a plus (see below, willing to train)
	
	  * Basic Ability to read and understand C code
	    o Ability to write non-trivial C code a plus (willing to train)
	    o Go programming skills a plus.
	
	  * Good technical writing skills
	
	  * Containers and Kubernetes a plus (willing to train)
	
	You must have all of the above 'Basics'. The 'a Plus' items would
	be nice, but we will train you on those as needed.
	
	Skills we will also train candidates on

	* Advanced Distributed File Systems and Storage topics and techniques
	  * All components of the AuriStorFS Product
	  * Containers and Kubernetes
	
	We encourage every graduating CS student (not just AuriStor internship candidates) to be familiar/comfortable with the following Tools and Skills.
	
	  * Useful Tools for any developer
	    o https://github.com/GerrySeidman/Distributed-Systems-Study-Group/blob/m aster/tools/README.md
	
	  * Basic Linux Proficiency
	    o https://github.com/GerrySeidman/Distributed-Systems-Study-Group/blob/m aster/tools/README.md#BasicLinux
	
	  * Linux Networking Tools
	    o https://github.com/GerrySeidman/Distributed-Systems-Study-Group/blob/m aster/tools/linuxNetworkTools.md

How many developers are on your technical team?	10
Is your technical lead on site?	Yes
How many computer science students are you willing to host?	2
Do you have a plan to hire for full time roles in the next (6-12) months? (This is for data collection only and not a requirement of the program)	Yes

Organization Name:	BlocPower
Mailing Address:	63 Flushing Avenue, Building 212, Suite 507, Brooklyn NY 11205
Company Website:	BlocPower.io

Please provide a brief description of the company:	BlocPower is a clean energy startup that provides engineering, financing, and project implementation services for green building retrofits that save money, reduce greenhouse gas emissions, improve health and create local employment opportunities in low-to-moderate income communities. Thousands of houses of worship, schools, non-profits, small businesses, and multifamily buildings across the country are not being served by traditional energy services companies because they are considered: too small, too costly, or too risky to serve. BlocPower's platform provides financing and engineering services that reduce the barriers between these building owners and money-saving, quality-of-life-improving building retrofits
Description:	BlocPower is looking for a Junior Full Stack Developer who is excited to help revolutionize the green energy industry.
Technology Skills	● Python ● Microservice architectures ● API design and development tools e.g. Postman, Swagger.io, etc ● Familiarity with CRUD (Create, Read, Update, Delete) ● Experience with Docker, Docker-Compose ● Experience with RESTful Services ● SQL Knowledge technologies like MySQL, PostgreSQL, and MongoDB. ● Web server technologies like Node.js, Apache, Nginx, WSGI etc. ● Frameworks related to their server-side language of choice like: Express.js, Ruby on Rails, CakePHP, etc. ● JavaScript frameworks like AngularJS, React, or Ember etc., or

	JS-based build tools like Grunt, Gulp, and Bower ● Libraries like jQuery, Backbone.js and/or D3.js ● Front-end (CSS) frameworks like Foundation or Bootstrap
How many developers are on your technical team?	6
Is your technical lead on site?	Yes
How many computer science students are you willing to host?	2
Do you have a plan to hire for full time roles in the next (6-12) months? (This is for data collection only and not a requirement of the program)	Yes