

Software Development Engineer

About Oben:

Founded in 2014, ObEN is an artificial intelligence company based in one of the world's most successful incubators: [Idealab](#) in Pasadena, CA. We have developed a sophisticated speech technology that allows any Internet of Things to speak in any voice and in any language.

[Company intro video](#)

[Know more about ObEN's incentives.](#)

JOB DESCRIPTION

Your responsibilities:

Collaborate with senior machine learning researchers, engineers and speech processing researchers to lead the build of build consumer applications and prototypes which incorporate key technologies developed in-house.

You will: (Either directly or through leadership of other team members)

- Develop highly secure service oriented architecture (SOA) to properly manage and deliver our content leveraging open source stacks.
- Implement client-server API's that allow machine interactions with our systems.
- Work with third-party partners to achieve smooth interoperability with our system.
- Participate in a highly visible software development and quality assurance process.
- Work with the IT department to manage deployments and upgrades.
- Work with the Design team to implement user interface requirements and to deliver a best-in-class user experience.
- Work with team and managers to help define software release products and development cycles.
- Deliver clear documentation of requirements and system software, development tools, and other support systems and infrastructure. Will also create clear documented test results, and participate in software readiness reviews.
- Experienced with agile development methodologies like Scrum.
- Commitment to software development practices like design patterns, defensive programming, and unit testing.
- Desire to design and implement solutions with significant data dependencies with NoSQL platforms in addition to traditional relational database platforms when appropriate.
- Knowledge of map-reduce, preferably using the Hadoop platform.
- Understanding of asynchronous event driven architectures.

- Ability to collaboratively architect high-availability and high-scalability systems.

You must have:

- Experience with relevant tools and platforms, such as Java, DHTML, CSS, AJAX, HTML5, PHP/MySQL.
- Technical expertise in web systems architecture, design, maintenance, administration and development on the Linux platform.
- Excellent written communication and documentation skills.

Great to have:

- Knowledgeable about information security vulnerabilities and risk management.
Platforms such as Matlab
- Experience with Digital Signal Processing, Speech Recognition and Machine Learning
- Experience in coding for Operating Systems such as Android, iOS, Mac, Linux and Windows
- Must be willing to work out of an office located in Pasadena, CA.

Application Requirements

Please send the following to careers@oben.me

- Detailed resume and/or LinkedIn profile
- Links to any research / papers you have been an instrumental part of and are proud of
- Name of instructor / adviser, if any along with link to their profile
- Cover Letter identifying your five favorite apps on your phone

Interview process:

STAGE 1: Phone Interview

STAGE 2: In-person Interview at [Idealab](#) (we cover travel expenses for the day)

STAGE 3: We require a sample project submission and a candidate proposal submission

(To know more about what an ObEN candidate proposal is, [click here](#))

STAGE 4: Spend a day at our office and participate in all team activities.

STAGE 5: Offer Letter