

Software Development Engineer

<http://oben.me/careers/current-openings/software-development-engineer/>

About Oben:

Oben is a stealth-mode investor-backed fast-growing technology company based out of [IdeaLab](#) in Pasadena, CA. **Oben is in the process of building human interfaces for Artificial Intelligence and beyond.** [Here](#) is more info about our company

Know more about Oben incentives [here](#).

Job Description:

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.

Key Position Accountabilities (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.

Requirements

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.

Additional Skill Sets

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 dot 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:

- Phone interview
- In-person interviews at [IdeaLab](#) and [CalTech](#)
- Sample project

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