David Vasquez

155 NW Kings Blvd Apt 647

Corvallis, Or. 97330

(925) 818-1172

[Vasquezd@oregonstate.edu](mailto:Vasquezd@oregonstate.edu)

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I am excited to be applying to work as a Senior Software Engineer on the Relay engineering team at SoFi. I am incredibly drawn to the mission of SoFi in helping people achieve financial independence and would love to be a part of such meaningful work. I have over seven years of software engineering experience at Amazon and Oregon State University that I would love to bring to this role. Besides my engineering experience I have gained my MBA and worked as a leader on a number of financial based projects at OSU.

I really love how meaningful your work is and am also drawn to the technology platform you have built to help people their goals. At Amazon I have been fortunate to be a part of a new team developing part of a high scale cloud-based application utilized by all of Amazon and Amazon partners like Ring and Twitch. After being at Amazon for only a couple of months I was asked to lead the campaign onboarding process where I work with internal customers, engineers and senior leadership to provide a better experience for our business users. A major component of my role was developing a new self-service portal that reduced the workload across multiple teams and provided real time metrics.

I fell in love with the power of software during my master’s degree in the College of Engineering at Oregon State University. I worked on an exciting project to design and develop digital radiation detection software that was funded by the Nuclear Regulatory Commission and Department of Energy. In my professional role as a Software Engineer at OSU I have been able to work on a number of projects that would allow me to make an impact at SoFi. One of these was being asked by the Dean of Student Affairs to take part in a major project in the Division of Student Affairs implementing a restructure of our internal financial software systems. I was also involved with leading a team to help rebuild the dispatch system for Transportation Services that is used by multiple universities including Oregon State University and the University of Oregon. I also really like that SoFi has a strong mobile focus. While I have not worked professionally as an iOS developer I am currently building an app for a personal project and feel this knowledge would be helpful in understanding the technology ecosystem at SoFi.

I am passionate about financial education and software and would love to be a part of what you are doing.

NOTES

**The role**

We are seeking a Senior Software Engineer to join the Relay engineering team at SoFi, where we are designing for the future of personal finance. We are looking to helping our customers find their path to financial independence by providing them with the tools, resources, and guidance they need to get there. We want to be part of the customers financial journey by providing them timely insights, tailored to their needs, that will establish and build trust. Building this will involve taking a thoughtful and personalized approach towards every user’s financial needs.

The ideal candidate is collaborative, product-minded, and pragmatic, with a strong sense of ownership and accountability for the quality of both the code and finished product. At SoFi, we pride ourselves on the collaboration between Product, Design and Engineering and so you will be involved in the entire product lifecycle, from ideation through building, deploying and continual improvement and evolution.  We also pride ourselves on a philosophy of continuous learning, and you should likewise be committed to furthering your own career growth as well as to providing mentorship for your fellow team members.

**What you’ll do:**

* Lead the development and testing of system components/services, code and design reviews
* Participate in shaping the technical architecture of the product
* Help translate product requirements into user stories and technical solutions
* Deliver highly available and scalable services in a production environment
* Mentor other engineers, support the technical culture, and help grow the team
* Generate ideas for new initiatives and technologies
* Communicate with project leads, product managers and other software developers

**What you’ll need:**

* Bachelor’s Degree, ideally in a technical field, but we understand great engineers come from all sorts of different backgrounds and also consider relevant work experience
* 4+ years programming experience, ideally on a modern stack
* Our core stack is Kotlin / Spring / PostgreSQL, and we run on Kubernetes in a service oriented architecture with over 100 services in production.
  + You should have 2+ years Java, Kotlin or Scala programming experience
  + You should have a strong understanding of relational databases and ORMs
  + You should have worked on a SOA or microservice-based application.
* Willingness to roll up your sleeves, collaborate with others and get stuff done
* Strong sense of responsibility; driving a project from inception to completion
* Affinity for solving problems and shipping impactful features, not polishing perfect code or architecture
* Experience working in a collaborative coding environment, refining designs together, working through code reviews and managing pull requests

**Nice to have:**

* Interest in personal finance
* Experience managing your own investments or experience taking out loans
* Experience scaling highly available, mission critical systems
* Full-stack experience, either toward systems (kafka, docker, posix), databases (postgres), or front-end (javascript/typescript, react)
* Experience building data insight products

I am excited to be applying for a position with AdHoc as a Senior Software Engineer. I have over five years of experience developing software including working at Cambia Health Solutions and Oregon State University. I learned about the company from my friend Patrick Wolfert and have always felt drawn to pursuing a career here. I have known Patrick since college and have learned a lot about AdHoc from speaking with him.

One of the things that I love about AdHoc is the story of the companies founding and how you were able to rescue HealthCare.gov. In my career as a Software Engineer I have always been fascinated and drawn to the challenge of making software as simple, clean and robust as possible. An example of this would be a project I led to restructure OSU Transportation Services full stack application web application. I helped eliminate 80% of the lines of code and moved it to a single page real time application. While lines of code aren’t the only metric of well designed code I also worked continuously to make sure that the code was easy to understand and easier to maintain and update for the entire team. While working at Cambia Health Solutions I worked with both the business and engineering teams to update and develop unit testing for legacy code in order to move us more towards a continuous deployment model.

In these projects I have primarily utilized Java, Node.JS and PHP for server work. My front end experience includes JavaScript, React, HTML, CSS. These web applications are primarily run on either AWS or Heroku. I fell in love with software as a graduate student where I worked to develop radiation detection software funded by the Nuclear Regulatory Commission. I am always working to learn new technologies and improve how I write code. Currently, I am developing a native iOS application with Swift that is a social network style application. I also am developing a web application for it too. I also have been able to work as a project sponsor for the Electrical Engineering and Computer Science Department at OSU working to help students with their yearlong senior capstone project.

I think that these experiences would allow me to really contribute at AdHoc. I have always been passionate about healthcare and particularly the ability of software to improve people’s entire experience in an area of life that can often be stressful. I hope I am able to speak more about my interest in becoming a team member of such an exciting company.

Thanks so much,

David Vasquez

I and particularly interested in the financial field in my interest in finance and business is the reason that I pursued getting an MBA. I also have experience working with financial software including working in the office of student affairs on a project with the dean to build out some new financial system capability for departmental use. After this project I worked with transportation services to help design and build business analysis financial tools for the fleet management system that is used by multiple universities in the Oregon university system. Besides my professional experience I have a love for finance and even as a grad student would incorporate personal finance lessons until the learning plans of the courses that I was asked to help teach by faculty. I love the mission and vision of what Sophie does to help people and would be incredibly honored to be a part of some thing like this.

Our #1 priority is putting members first—it’s even one of our company values. If our members are successful, we’re successful. That’s why we offer exclusive member benefits **at no cost**.

**SoFi’s mission is to help people reach financial independence to realize their ambitions.**

And financial independence doesn’t just mean being rich—it means getting to a point where your money works for the life you want to live.

Everything we do is geared toward **helping our members get their money right**. We’re constantly innovating and building ways to give our members what they need to make that happen.

**Value #1**

**Put our members’ interests first.**

If we take care of our members’ interests, it will best serve our interests.

**Value #3**

**Embrace diversity. Everyone should feel welcome, included and able to contribute.**

Diversity is a differentiator and our team should reflect society. We should continue to encourage and celebrate diversity.

**Value #4**

**Get to the truth and make principle-based decisions.**

We can only make the best decisions if we have the right data, all of the perspectives, and if we align on the guiding principles.

**Value #7**

**Set ambitious goals, be gritty, be accountable.**

We must hold ourselves and others accountable for delivering our business objectives, for our culture, and for our members.

**The SoFi Philosophy**

Attack debt with a plan.

Always have a safety net.

Put your money to work.

Save for retirement (and other goals).

I have over seven years of software experience at Amazon, Oregon State University and Cambia Health Solutions that I would love to bring to what you are doing to help people.

I am incredibly passionate about innovation and software engineering.

Besides my professional experience

I am passionate about helping others in my work and financial education has always been key.  
  
At OSU I worked on a project supporting

During graduate school I worked as an instructor and always made financial education a core component of what I taught. I feel that this passion would help me thrive in not just the technical components of this role but also in embracing your vision and values.

My personal journey of understanding the importance of finance on an individual level came from

As I read through this position I was so excited to see the type of work being done and the impact my work could have on the OSU community. I am currently working as a Software Engineer at Amazon but received my MBA from the College of Business at OSU. I started my role at Amazon as a full stack engineer but became engaged in onboarding new digital campaigns across Amazon. I began working with a number of senior managers and was asked to take leadership of our campaign onboarding process. My work involved gathering internal customer input, working with internal engineering teams to quantify and remove bottlenecks and developing a new self-service portal for our customers. This portal eliminated work previously done by four to five engineers, reduced internal customer wait time from days to minutes and provided real time analytics for senior management. I was also involved with a high level project to determine the causes and solutions for an outage that occurred with Amazon services in Japan from our platform. I helped facilitate meetings across multiple departments and then worked with engineers and leadership to implement solutions. These campaigns are important because they support the code infrastructure used across all of Amazon and affect every aspect of their business. I also was involved with extensive user and integration testing as any issues with our service can cause Amazon wide outages.

During my time at OSU I have worked as both a business and programmer analyst in multiple departments across campus. While working as a Programmer Analyst on a project with Transportation Services I initiated a redesign of our business site which included adding security features, automated metric gathering and a rebuild of our code base. While working in the Divison of Student Affairs I was asked by the Dean of Student life to personally lead a team setting up a data program for their Department. I was also involved with a complete rebranding project for the Career Development Center. My work has spanned business process improvement in both an academic and corporate setting that I think would allow me to thrive in this role.

I became passionate about innovation and education while a graduate student in the College of Engineering at OSU. My research was funded by the Nuclear Regulatory Commission and involved developing digital radiation detection software primarily geared towards educators and students. Upon graduation, I began working as a Software Engineer at OSU on a number of different projects. I currently am developing data and software tools in the Office of Student Life to help provide support to students who are struggling financially or academically. I have also helped lead a team rebuilding the dispatch system for Transportation Services that is used by multiple universities including Oregon State University and the University of Oregon. Before that I was fortunate to be a part of a team working to develop and scale a cloud based IOT application as part of an industry partnership with Fujitsu that is now on the market. As a backend Software Engineer at Cambia Health Solutions I worked in an Agile Environment to support existing microservices, develop new APIs and write test coverage for existing code.

While I am passionate about software I also have experience working as an educator that I think would help me in working here. I have taught a number of courses at the college level and was involved in all aspects of curriculum planning and delivery. I have also worked for three years as a mentor with the Senior Capstone Teams in the OSU Electrical Engineering and Computer Science Department. I work with graduating seniors as they go from an idea to a finished software prototype in a short amount of time.

Clever seems like such an incredible and meaningful place to work. I would love to be able to grow here as a person and developer. I hope I am able to speak more about my interest in this role.

Thanks so much,

David Vasquez