

# 2018 LLVM Foundation Board of Directors Application

This is an application to serve as a board member on the LLVM Foundation Board of Directors. The LLVM Foundation is a nonprofit that supports the LLVM Project. We support the LLVM community by helping it to grow, foster community interactions, work to keep LLVM development productive through infrastructure, and work to ensure the long term health of the LLVM project.

The LLVM Foundation has established 3 main programs to help us in our community growth and education efforts: Educational Outreach (LLVM Developers' Meetings, documentation, workshops, instructional videos), Scholarships & Grants, and Women in Compilers & Tools. We host much of the infrastructure (website, mailing lists, etc) supporting the LLVM Project. Please read our public documents for more information, available here (<http://foundation.llvm.org/documents/>).

The Board of Directors consists of 8 members serving 2 year terms, which then elect the next set of board members. In terms of time commitment, the board typically meets every month for 2 hours and every board member should plan on attending each meeting. At times a board member will take lead on a particular issue, doing the background research needed, forming a proposal, bringing to the Board for productive discussion and vote. Board members are expected to monitor the board mail lists to address time critical issues or continue discussions between board meetings. Board members should plan on attending at least EuroLLVM or the US LLVM Developers' Meeting. In addition to the regular meeting, board members are expected to participate with and drive efforts aligned with the mission and three programs above. Officers of the Board (Secretary, Treasurer, President) have additional duties and time commitments.

We are looking for people who are passionate and enthusiastic about LLVM and its various sub-projects, and want to help it grow. Note, however, that the LLVM Foundation does not set the technical direction for the project. As such, we are particularly interested in people who will bring non-technical contributions to the board, particularly if they align with the mission and three programs mentioned above or improvements to the LLVM infrastructure.

In order to improve transparency and capture the credentials of the newly elected board, the applications of the newly elected board members will be made public once board membership is finalized. The new board will begin their term on August 12, 2018.

If you are interested in being considered as a future board member, please complete the following application by July 30 (11:59PM PDT).

Email address \*

tanyalattner@llvm.org

Name (First and Surname) \*

Tanya Lattner

Please summarize relevant contributions to the LLVM Project. These can include things such as patches, code ownership, bug reports, mailing list posts, blog posts, volunteering at LLVM events, organizing LLVM social events, contributing to the developer meeting paper committee, etc.

I have been involved in the LLVM Project for over 14 years. I began as a graduate student, and implemented Swing Module Scheduling for the original LLVM SparcV9 backend (described in my masters thesis). I continued using and extending LLVM technologies at various jobs during my career as a compiler engineer. I won't go into all the details of all my code contributions but they were in all areas of the compiler; backends, mid-level optimizations, the Clang frontend, testing infrastructure, and some tools (such as llvm-ar). My most recent code contributions were implementing OpenCL 1.2 in the Clang frontend.

I was the LLVM release manager for 3 years. I have organized the US LLVM Developers' Meeting since 2008 (8 meetings) and attended since the beginning. I have been a part of the organizational team for EuroLLVM for the last 2 years. I have been on the program committee for both the US LLVM Developers Meeting (4 years) and the EuroLLVM Developers Meeting (1 year). I also administer the LLVM infrastructure servers, mailing lists, bugzilla, etc.

Most recently, I am the Chief Operating Office of the LLVM Foundation and President of the Board. I drove its design and incorporation, I am its sole paid employee.

Why do you want to be on the LLVM Foundation board of directors?

I care a lot about the LLVM project, and that is why I drove the creation of the LLVM Foundation in the first place.

Incorporating the feedback from the initial board of directors, I created the corporation, determined our nonprofit structure, defined our educational and charitable mission, and worked to get our 501(c)(3) status. Over the last 2 years, I have worked to expand our programs and focus more on increasing diversity within the LLVM project and the field of compilers and tools. I would like to see these programs evolve even more and being a part of the board of directors is critical to that.

What experience or skills can you bring to the board? Which of the above programs could you help drive forward?

As Founder and President of the LLVM Foundation board for the last 4 years, I have a lot of specific understanding of the legal requirements of nonprofits and how they are run. I have a vision for the 3 programs that I helped create and I feel capable of driving all our programs going forward as a board member and employee of the Foundation.

We value diversity and representation of the various interested groups working on LLVM and using it. Do you consider yourself representative of a minority group, underrepresented geographic region, etc?

Women are an under-represented group in the compiler field, and I am personally driven to help fix this problem.

Which program are you most interested in supporting?

- ☐ Educational Outreach
- ☒ Women in Compilers & Tools
- ☐ Grants & Scholarships
- ☐ Infrastructure Support

What is your second choice program to support?

- ☒ Educational Outreach
- ☐ Women in Compilers & Tools
- ☐ Grants & Scholarships
- ☐ Infrastructure Support

How many hours a week can you dedicate to LLVM Foundation business?

Board members are expected to dedicate time to meetings and to the programs.

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Are you interested in a specific position on the board?

Please review position duties here: <https://docs.google.com/document/d/14PZ-Mu2mQ0msUoh-SKZXFMQaC1rYHSZdb1N6cRT66ml/edit?usp=sharing>

☒ President

☐ Secretary

☐ Treasurer

Are you willing and able to help fundraise for the LLVM Foundation?

We rely on donations to fund our programs and need board members to help find new sponsors and donors.

Already do.

Is there anything else you would like to add for the board to consider?

The LLVM Foundation has been my focus and passion for the last 3 years and I'm committed to all our program's success.

This form was created inside of LLVM Foundation.

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