

JYOTISHKA BISWAS

jbiswas.com | github.com/jyotishkabiswas | me@jbiswas.com

I build software that **solves** problems, **guides** discoveries, and **empowers** people.

EDUCATION

Massachusetts Institute of Technology

Computer Science and Engineering, B.S.
Class of 2016

Selected Coursework

Mathematics for Computer Science
Design and Analysis of Algorithms
Automata, Computability, and Complexity
Computer System Engineering
Constructive Computer Architecture
Computer Graphics
Distributed Systems Engineering

SKILLS

Theory

Algorithms, data structures
Distributed systems
Computer graphics
Computer architecture

Implementation

Python, Java, C#, C/C++
Node.js
HTML/CSS, Javascript
Direct3D, OpenGL, WebGL

INTERESTS

Academic

Complexity theory
Machine intelligence
Philosophical logic, proof theory

Extracurricular

Music
Coffee
Climbing

EXPERIENCE

JetBrains, Inc.

October 2015 - October 2016
Junior Software Engineer, Intern Software Engineer

- Refactored backend storage APIs
- Migrated backend to embedded database
- Worked in UI design, language parsing, and application data management

Intentional Software Corporation

June 2015 - August 2015
Intern Software Analyst and Developer

- Led an engineering and design project in the graphics platform
- Worked in domains from language parsing to linear algebra

MarkForged

June 2014 - January 2015
Software Engineering Intern

- Implemented and optimized geometry algorithms
- Wrote serial driver for 3D printer
- Developed open source file storage server

LEADERSHIP

Scientific Research

Led a nanotechnology project that led to the publication of two papers in peer-reviewed journals in 2012 and 2014

Acappella Group

Directed the MIT/Wellesley Toons in Spring 2014