Mission Bit is a non-profit that offers free programming for San Francisco Public School students. Classes taught by college students who are computer science majors and supported by experienced engineers and entrepreneurs. We provide everything the students need, they just need to show up and be eager to learn. No prior experience is required to enroll.

We give students the opportunity to learn directly from successful engineers and college students who enjoy sharing knowledge and want to give back to the community. We're focused on project based learning and aim to teach both core computer science concepts as well as the practical skills and technologies that are required to build web sites and applications today.

Computer Science Teaching Assistant Position
Job Description
Mission Bit teaches summer coding courses for high school students at City College of San Francisco Bayview Campus at 1800 Oakdale Ave. The intro to game development course is from June 13 to July 7. It runs Monday through Thursday from 9am to 1pm. Teaching assistants will receive $20.50/hr for 48 hours a week. TA’s will work with instructors to support in class learning, deliver lesson plans, focus on small group work and complete other duties as assigned. In addition to classroom responsibilities, TA’s are expected to participate in a 2 day orientation prior to the first instructional days as well as ongoing check-ins with our teaching coaches.

Basic Expectations
Mission Bit TA’s are expected to:
- Support instructors with building and maintaining connections with students and their families as well as connections between students
- Support strategies to ensure we retain 90% of students over the course of the summer
- understand and act on the equity issues inherent with teaching computer science to students of color and girls
- have the skill, knowledge and capacity to support a computer science course
- Support the goal of ensuring 100% of students have a successful presentation on Demo Day
- Support instructor with the management of volunteers
- be thoughtful and reflective practitioners who take responsibility for student outcomes
• collaborate with each other and the Mission Bit community to ensure our students receive the best of our collective minds and efforts.
• Work with Mission Bit coordinator to plan for field trips and student speakers
• Comfort working in a startup environment that requires high functioning problem solvers that can be comfortable working independently

Minimum Qualifications
Candidates must:
• be a Computer Science major or minor
• have the content skills and knowledge required to support an intro to web development
• be committed to empowering young girls and students of color to create through technology.
• exemplify the qualities of an effective TA: thoughtful, reflective, patient, inclusive, organized, loving, and committed - to name a few.

Additional Qualifications
Candidates should:
• be a Computer Science major
• be a college junior or senior
• have experience working with high school students
• have a history of involvement in extracurricular activities

Hiring Process
• Candidates need to submit a cover letter and resume by May 20, 2016 to be considered in the first round. These documents will be screened by members of the hiring committee.
• Candidates will either be removed from the process, asked to participate in a phone interview or asked to participate in “Selection Day”.
• All finalists will participate in Selection Day which includes a technology skills assessment and an in person interview.

All Computer Science Instructors will report to and be evaluated by the CEO, Stevon Cook. They will also check-in with our teaching consultant.

Please submit a cover letter and resume to hiring@missionbit.com to be considered in the first round. After that, each candidate will be considered until all positions are filled.

2 Day Training Orientation
Instructors will:
• view an end of course presentation
• review the curriculum; find places to include presentation skills
• create a plan to build and maintain an effective classroom culture with consistent community building and group accountability
• learn how to use rubrics to guide instruction and feedback
• learn basic strategies for differentiating instruction
• learn basic strategies for organizing and managing a classroom
• learn basic strategies for effective student engagement
• learn basic strategies for formative assessments
• plan the project-based unit
• begin to plan lessons
• learn how to effectively engage the volunteers; volunteers are expected to receive lesson plans in advance
• participate in discussions on equity and social justice