

# Resources for Computer Science Engineers

---

## 1. 20 SaaS-based Software for Computer Engineers

- Salesforce
- Slack
- Asana
- Jira
- Zoom
- Dropbox
- GitHub
- Trello
- HubSpot
- Zendesk
- Confluence
- Microsoft Office 365
- Google Workspace
- FreshBooks
- QuickBooks Online
- ServiceNow
- Box
- Smartsheet
- SurveyMonkey
- Adobe Creative Cloud

## 2. Tutorial Links to Learn How to Develop These Software

### **Salesforce Development Tutorial:**

[https://trailhead.salesforce.com/en/content/learn/trails/force\\_com\\_dev\\_beginner](https://trailhead.salesforce.com/en/content/learn/trails/force_com_dev_beginner)

**Slack Bot Development Tutorial:** <https://api.slack.com/start>

**Asana API Integration Tutorial:** <https://developers.asana.com/docs/>

### **Jira Plugin Development Tutorial:**

<https://developer.atlassian.com/cloud/jira/platform/getting-started/>

**Zoom SDK Integration Tutorial:** <https://marketplace.zoom.us/docs/sdk/native-sdks>

**Dropbox API Tutorial:** <https://www.dropbox.com/developers/documentation/python>

**GitHub Actions Tutorial:** <https://docs.github.com/en/actions>

**Trello API Tutorial:** <https://developer.atlassian.com/cloud/trello/guides/rest-api/api-introduction/>

**HubSpot API Tutorial:** <https://developers.hubspot.com/docs/api/overview>

**Zendesk App Development Tutorial:**

<https://developer.zendesk.com/documentation/apps/getting-started/>

**Confluence Plugin Development Tutorial:**

<https://developer.atlassian.com/server/confluence/writing-plugins/>

**Microsoft Office 365 API Tutorial:** <https://docs.microsoft.com/en-us/graph/overview>

**Google Workspace Add-ons Tutorial:** <https://developers.google.com/workspace/add-ons>

**FreshBooks API Tutorial:** <https://www.freshbooks.com/api/start>

**QuickBooks API Tutorial:** <https://developer.intuit.com/app/developer/qbo/docs/get-started>

**ServiceNow Development Tutorial:** <https://developer.servicenow.com/dev.do#!/learn>

**Box API Tutorial:** <https://developer.box.com/guides/api-calls/>

**Smartsheet API Tutorial:** <https://smartsheet.redoc.ly/>

**SurveyMonkey API Tutorial:** <https://developer.surveymonkey.com/>

**Adobe Creative Cloud SDK Tutorial:** <https://developer.adobe.com/creative-cloud/>

### 3. Sponsored Research Opportunities for Computer Science Engineers

**NSF Research Programs:** <https://www.nsf.gov/funding/>

**Google Research Scholar Program:** <https://research.google/outreach/research-scholar-program/>

**IBM PhD Fellowship Program:**

<https://www.research.ibm.com/university/awards/fellowships.html>

**Microsoft Research PhD Fellowship:** <https://www.microsoft.com/en-us/research/academic-program/phd-fellowship/>

**Amazon Research Awards:** <https://www.amazon.science/research-awards>

**Intel Research Grants:**

<https://www.intel.com/content/www/us/en/research/overview.html>

**Cisco University Research Program:** <https://research.cisco.com/research-programs.html>

**Facebook Research Awards:** <https://research.fb.com/funding/>

**Hewlett Packard Enterprise (HPE) Innovation Research Program:**

<https://www.hpe.com/us/en/solutions/innovation-research-program.html>

**DARPA Research Funding:** <https://www.darpa.mil/work-with-us/opportunities>

**NIH Research Grants:** <https://grants.nih.gov/grants/oer.htm>

**ONR Research Grants:** <https://www.onr.navy.mil/en/work-with-us/funding-opportunities>

**EU Horizon 2020 Research Funding:** <https://ec.europa.eu/programmes/horizon2020/en>

**Ericsson Research Grants:** <https://www.ericsson.com/en/research/research-areas>

**Adobe Research Fellowships:** <https://research.adobe.com/fellowship/>

**National Institute of Standards and Technology (NIST) Grants:**

<https://www.nist.gov/topics/grants-contracts>

**US Department of Energy (DOE) Research Grants:**

<https://www.energy.gov/science/office-science-grants-and-contracts>

**ARPA-E Research Grants:** <https://arpa-e.energy.gov/>

**Sigma Xi Grants in Aid of Research:** <https://www.sigmaxi.org/programs/grants-in-aid>

**Scientific Research Publishing (SCIRP):** <https://www.scirp.org/journal/grants.aspx>

## 4. Industrial Research Opportunities for Computer Science Engineers

**Siemens Research Opportunities:**

<https://new.siemens.com/global/en/company/innovation/research-and-development.html>

**General Electric (GE) Research:** <https://www.ge.com/research>

**IBM Research:** <https://www.research.ibm.com/>

**Intel Labs:** <https://www.intel.com/content/www/us/en/research/overview.html>

**Microsoft Research:** <https://www.microsoft.com/en-us/research/>

**Google AI Research:** <https://ai.google/>

**Facebook AI Research (FAIR):** <https://ai.facebook.com/>

**Amazon Research:** <https://www.amazon.science/>

**Apple AI and Machine Learning Research:** <https://machinelearning.apple.com/>

**NVIDIA Research:** <https://research.nvidia.com/>

**SAP Research:** <https://www.sap.com/corporate/en/company/innovation/research.html>

**Oracle Labs:** <https://labs.oracle.com/>

**Samsung Research:** <https://research.samsung.com/>

**Tesla Research:** <https://www.tesla.com/research>

**Boeing Research & Technology:** <https://www.boeing.com/boeingresearchtechnology/>

**Qualcomm Research:** <https://www.qualcomm.com/research>

**Adobe Research:** <https://research.adobe.com/>

**Huawei Research:** <https://www.huawei.com/en/research>

**Ericsson Research:** <https://www.ericsson.com/en/research/research-areas>

**AT&T Labs Research:** <https://about.att.com/innovation/research-development>