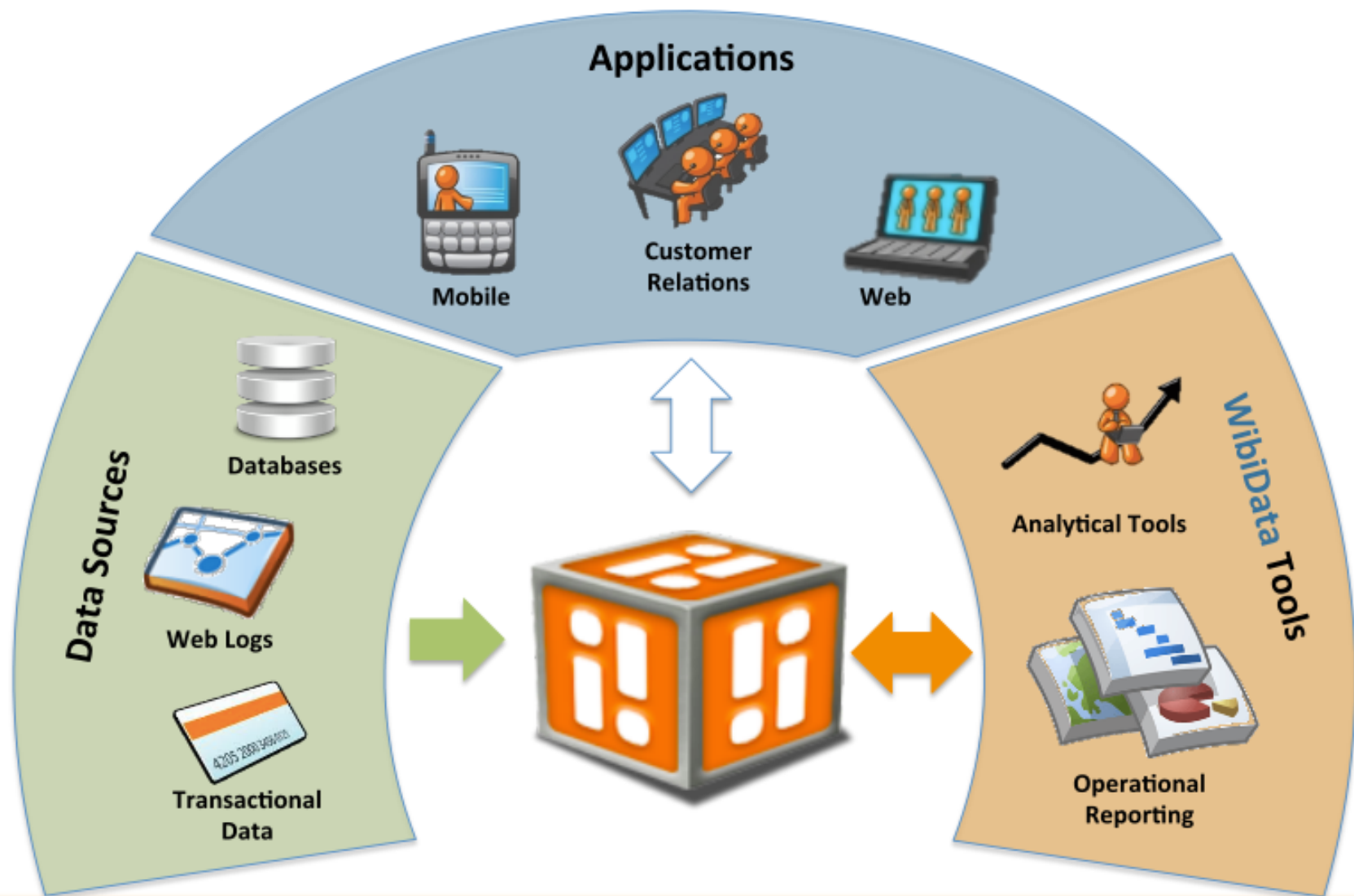




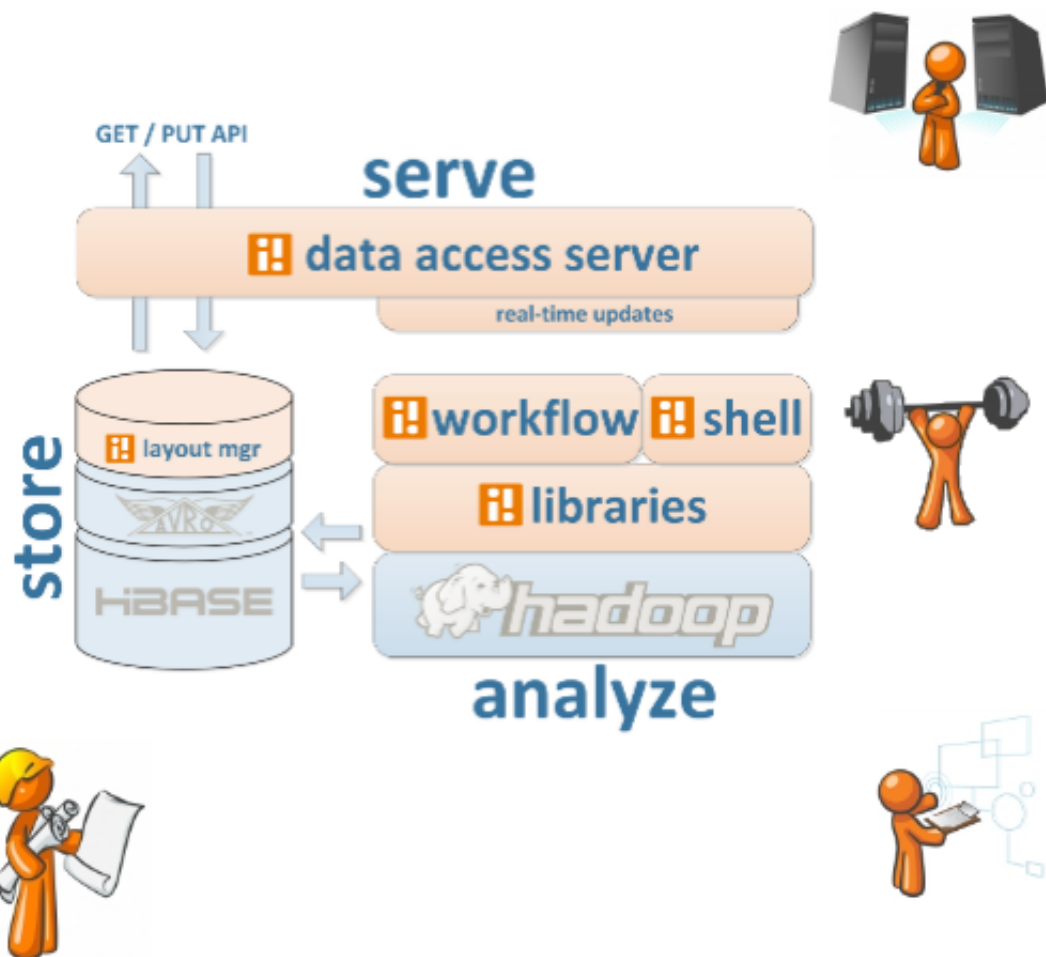
Internships at Startups

Robert Chu

WibiData provides a powerful platform for building new data applications



WibiData integrates with Hadoop for scalability and performance



Scalable WibiData Storage

- Leverages HBase, Open Source Distributed Storage
- Adds Complex & Evolving Schema Management

High Performance Data Access Server

- Simple GET / PUT API for easy development
- Scales linearly to serve largest data applications

Expressive Analytics Toolkit

- Develop and deploy models quickly
- Extensible library of machine learning algorithms

WibiData features accelerate engineering, analytics and model development, and operations

User-centric Data Model

- Find all of the data about your user, including the latest info, all in one place

Powerful Schema Management

- Deal with a variety of types of data, all within Wibi

Built-In Analytics Engine

- Customize our machine learning models
- Build your own using our library

Performance at Scale

- Millisecond response times
- Scales linearly to largest data challenges

Operational Support

- Tools for monitoring and managing data processes

Why a startup?

- Get to learn exotic/new technologies
- Exposure to non-technical tasks
- A lot more individual impact
- Community atmosphere
- Less process/bureaucracy

A startup is an experiment

- Get to work with more experimental technologies
- Big companies tend to stick with less risky ideas

Exposure to non-technical tasks

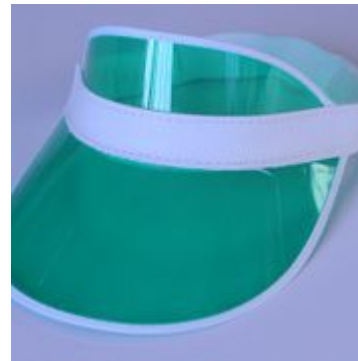
- Talking with clients
- Interacting with founders
- Product design
- Misc. business development



Bug Fixing Hat



Programming Wizardry
Hat



Accounting Hat



Training Hat

Individual impact

- Everyone works on the important stuff
- Likely to have a lasting effect
- Harder to go unnoticed
- Bigger part of the team
- More say in what you work on

Community atmosphere

- Feels more family/team like
 - Everyone is working towards the same goal
 - Very motivating/exciting
- Usually younger workers
 - Often risk takers (more motivated)

Less process/bureaucracy

- Faster communication of ideas
- Takes much less time to go from idea to implementation
- "Do first, apologize later"
- Everyone is involved in most decisions

Things to look for in a startup

- Work/Life balance
- Make sure you get along with co-workers
- Make sure the startup has a sound business plan
- Talk to the members of the company

Work / Life Balance

- Ensure that employees have a reasonable work schedule
- Occasional work bursts are fine



vs.



Make sure you fit in with company culture

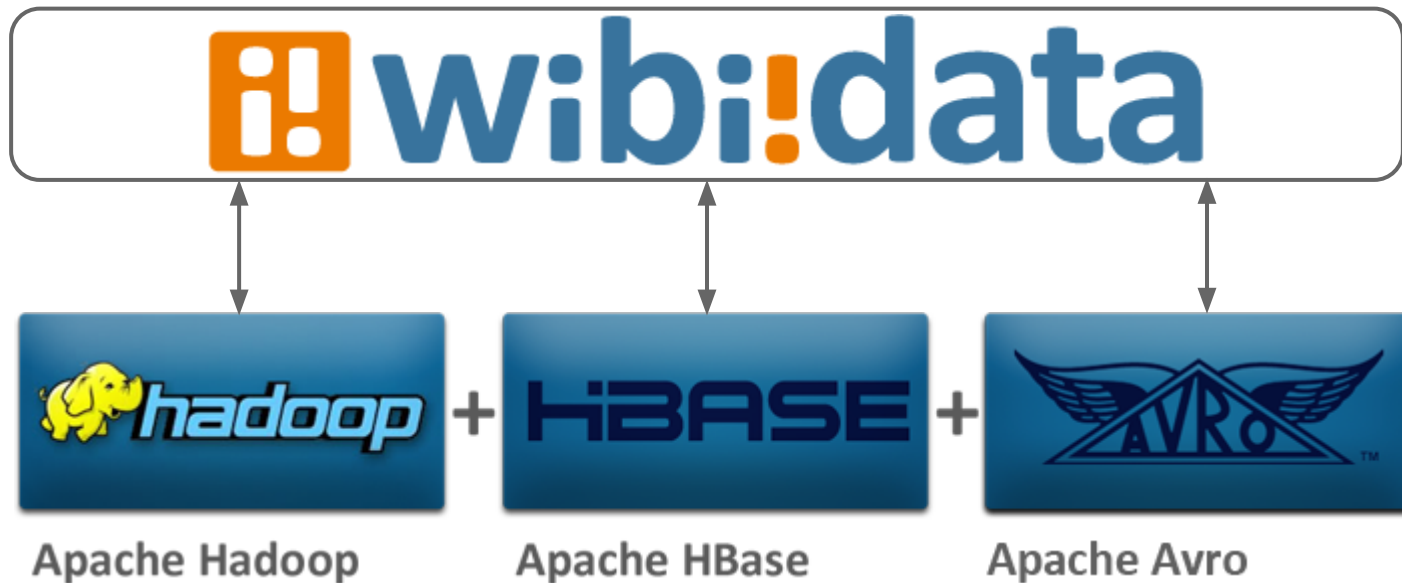
- You will see/interact with most co-workers every day
- May not be able to change who you work with
- Ensure that company is going in the right direction
- Read company mission statement

Conclusions

- Each startup will provide you with a unique experience, do your research
- Come visit Wibi at the startup career fair tomorrow!

Wibi

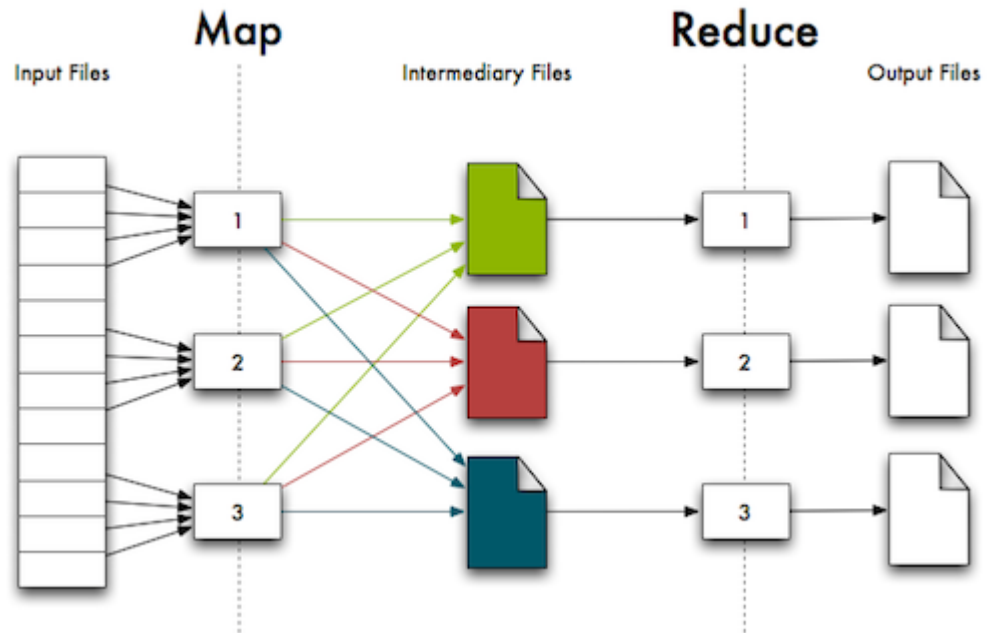
A platform for building real-time, personalized applications



Hadoop



Apache Hadoop



- Used to speed up embarrassingly parallel operations.
- Includes open source implementations of:
 - Google's Map-Reduce.
 - Google's GFS (HDFS).

HBase



Apache HBase

- Allows consistent, fast, distributed storage of data in a table format.
- Open source implementation of Google's BigTable.
- Runs on top of HDFS
- Disadvantages:
 - No structured data, all entries are byte arrays.
 - Wide variety of difficult to use configuration parameters.